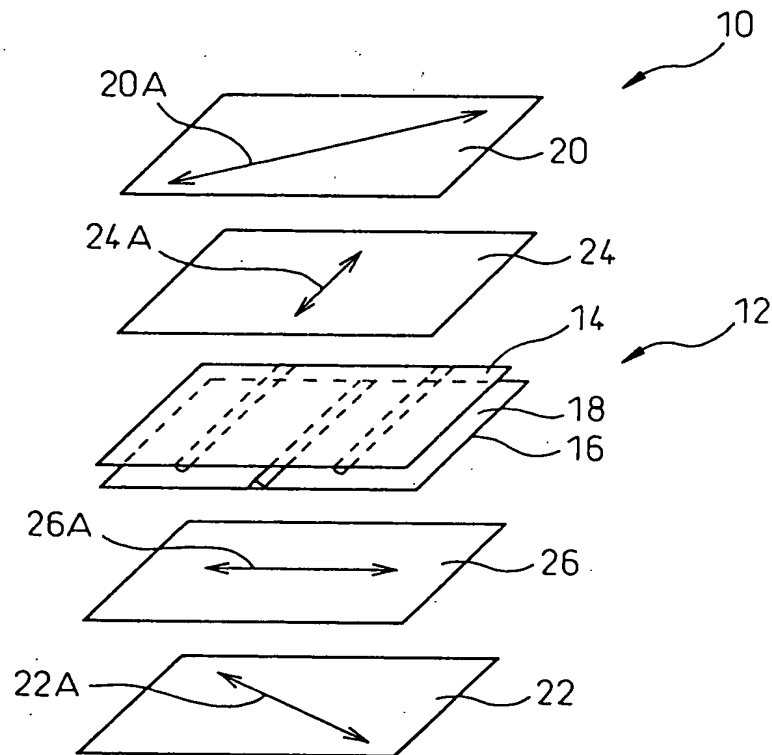


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Fig.1



2/50

Fig.2

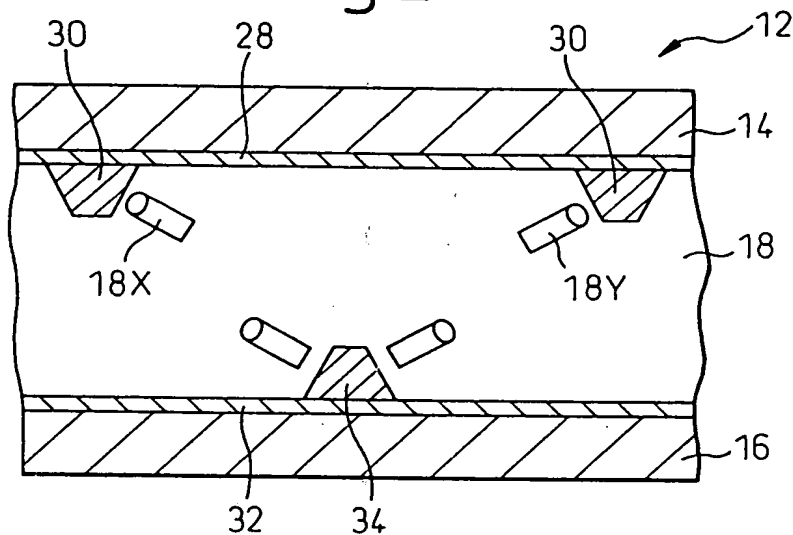
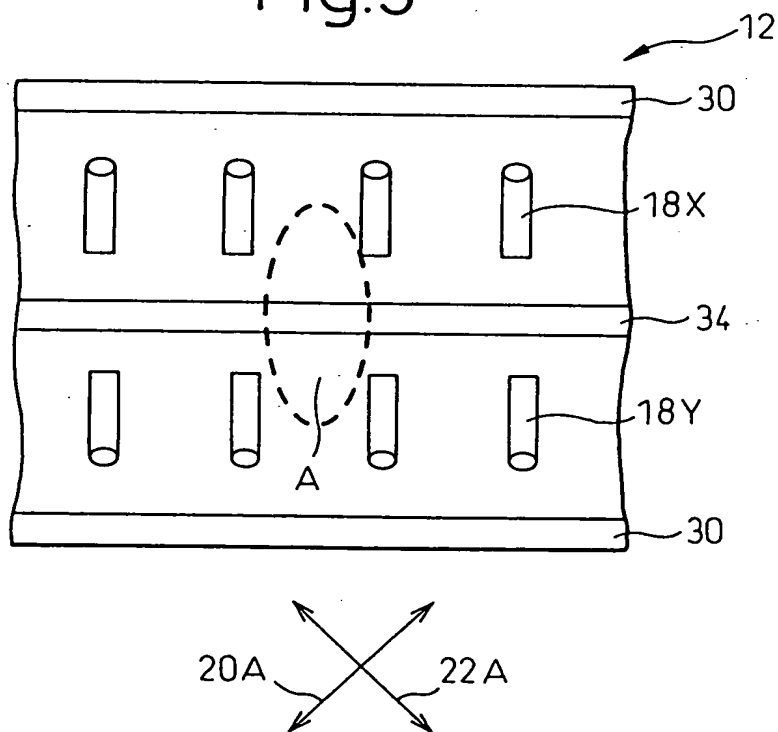
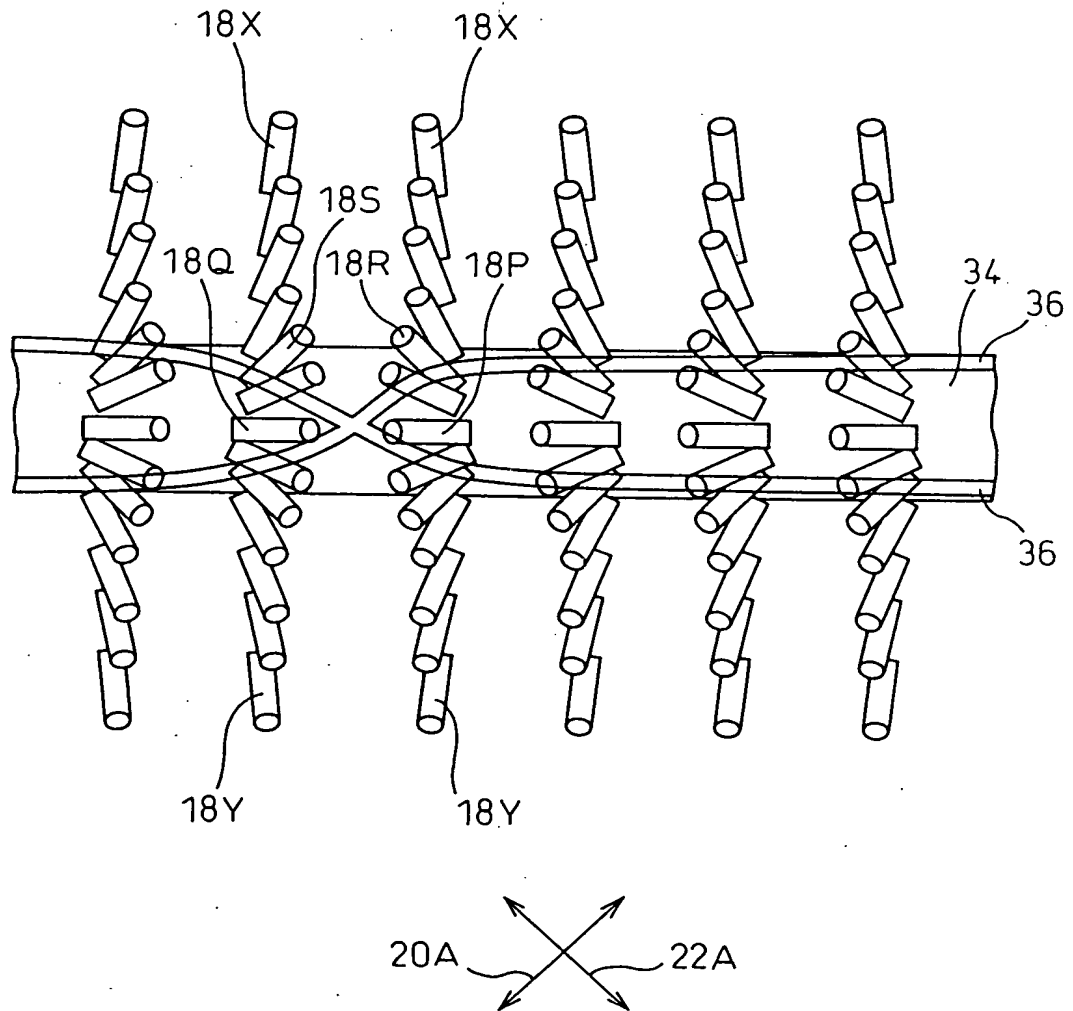


Fig.3

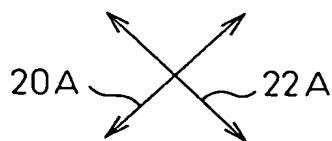


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Fig.4

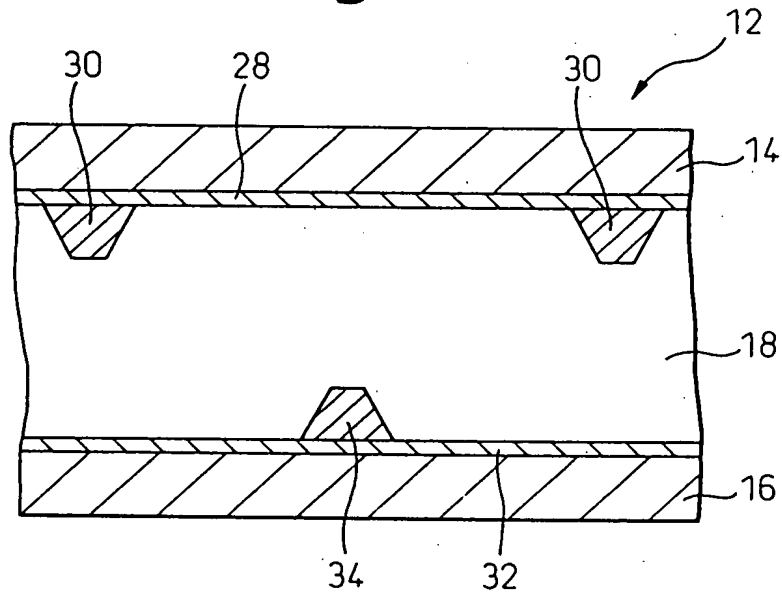


A cross-sectional view of a multi-layered structure 12. The structure consists of a top layer 14, a middle layer 16, and a bottom layer 18. The top layer 14 contains two trapezoidal features 30. The middle layer 16 contains two rectangular features 32. The bottom layer 18 contains two rectangular features 38. A central cavity is formed between the layers. The entire structure is labeled 12 with a curved arrow pointing to it.



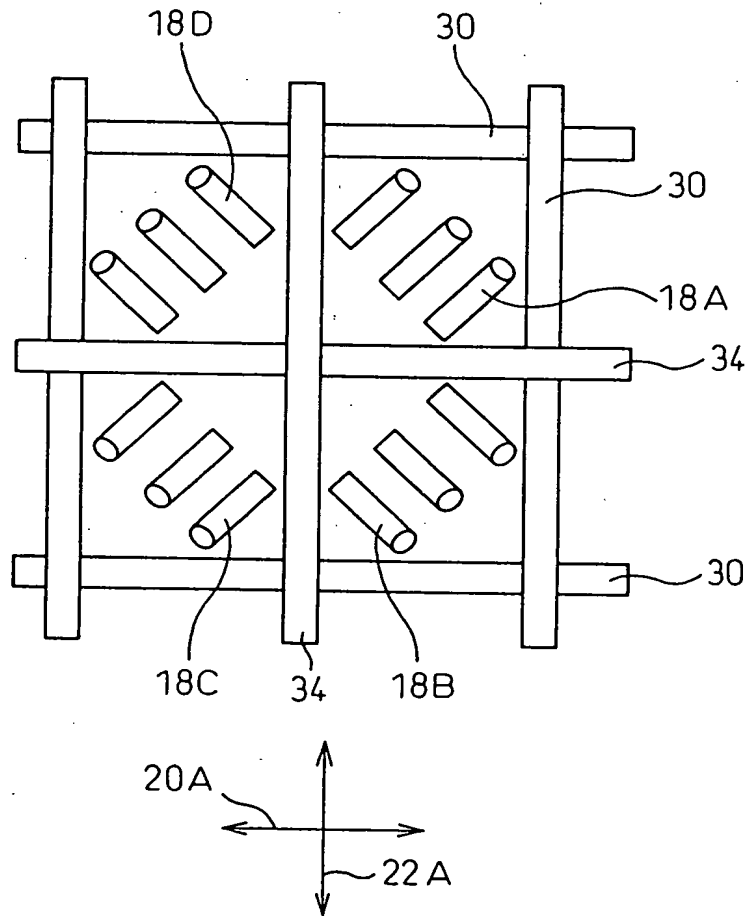
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Fig.7



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Fig.8



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Fig.9

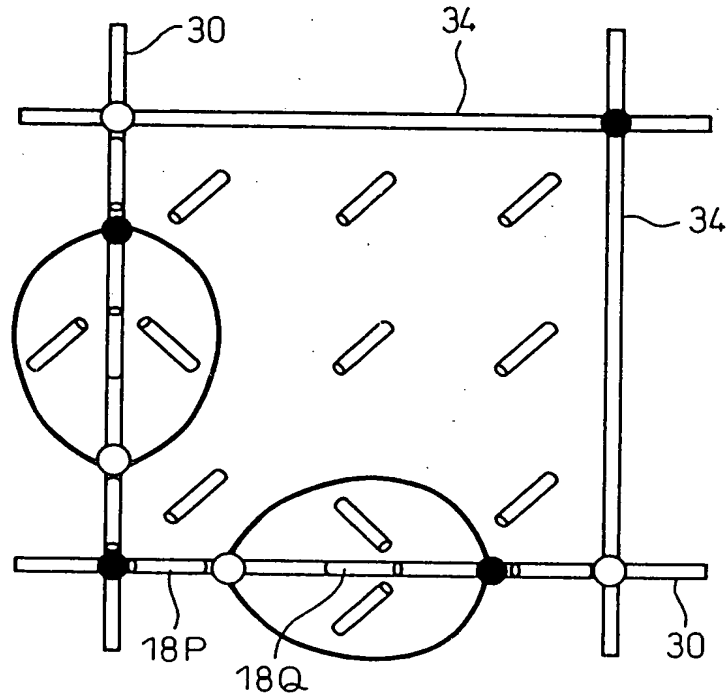
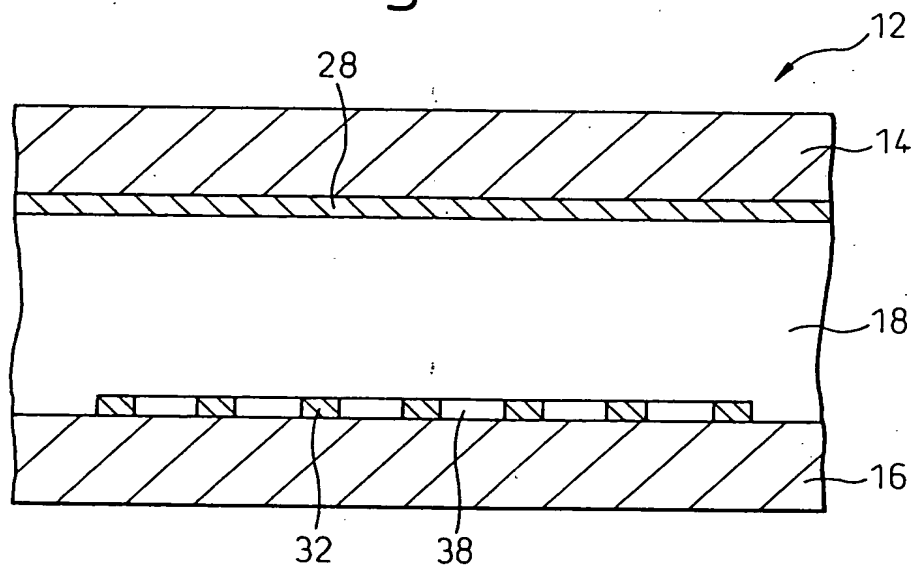


Fig.10



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Fig.11

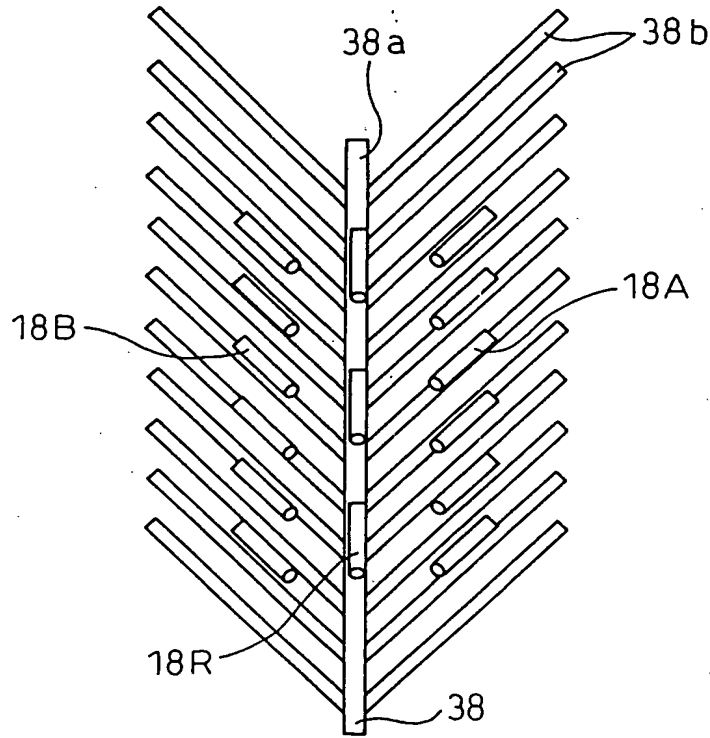
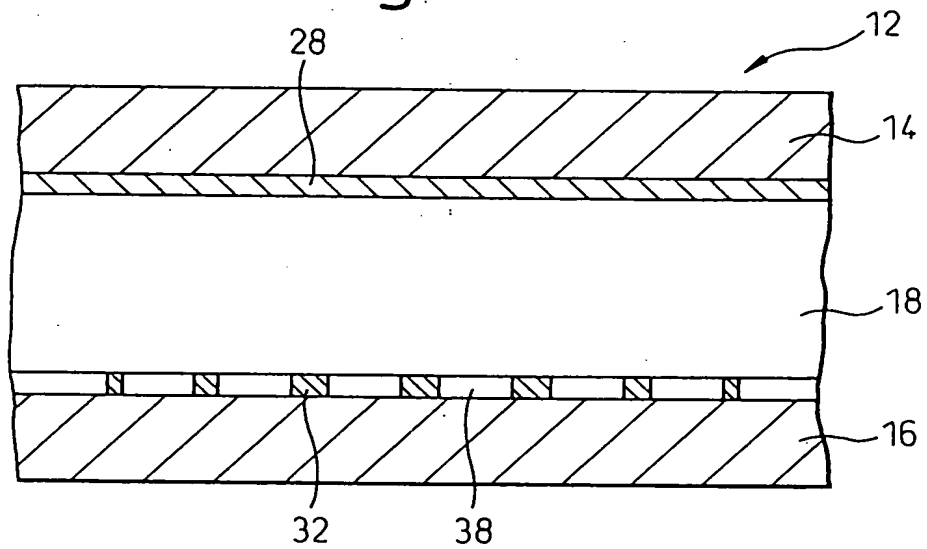
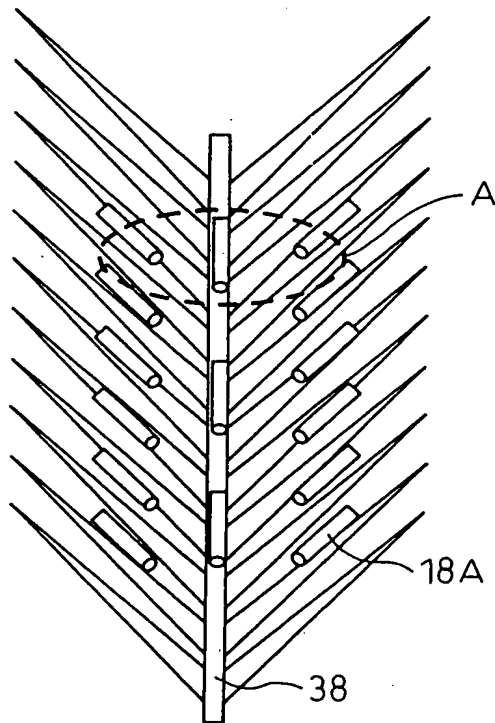


Fig.12



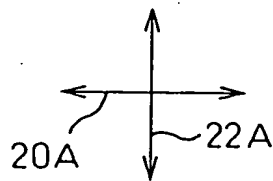
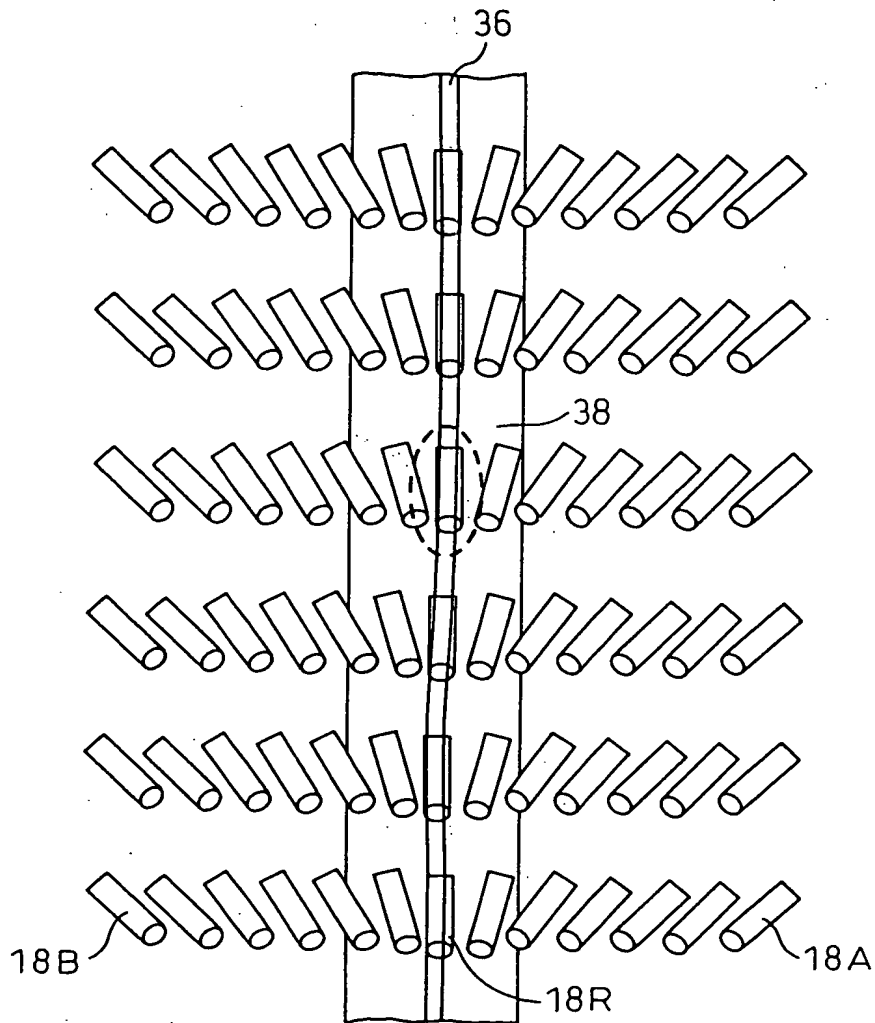
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Fig.13



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Fig.14



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Fig.15A

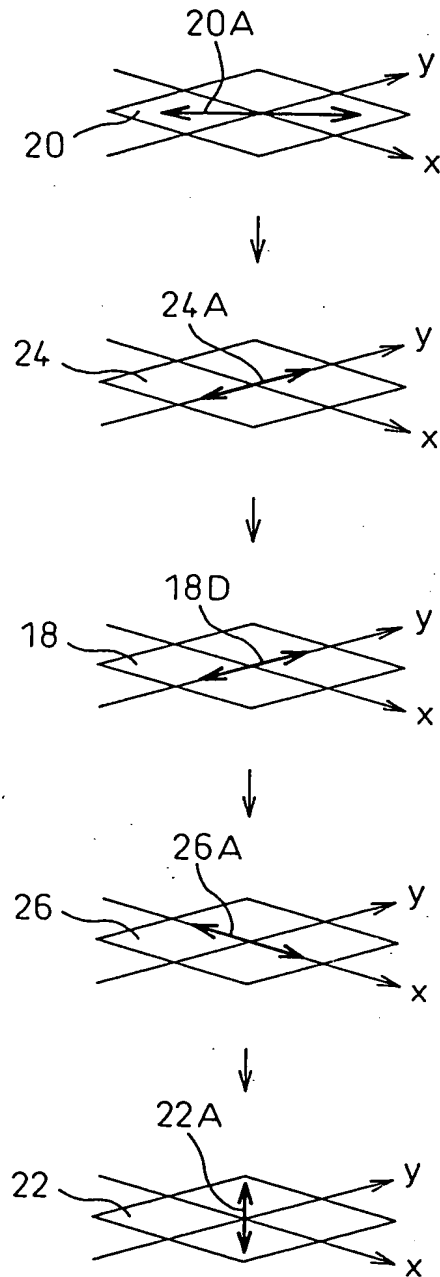
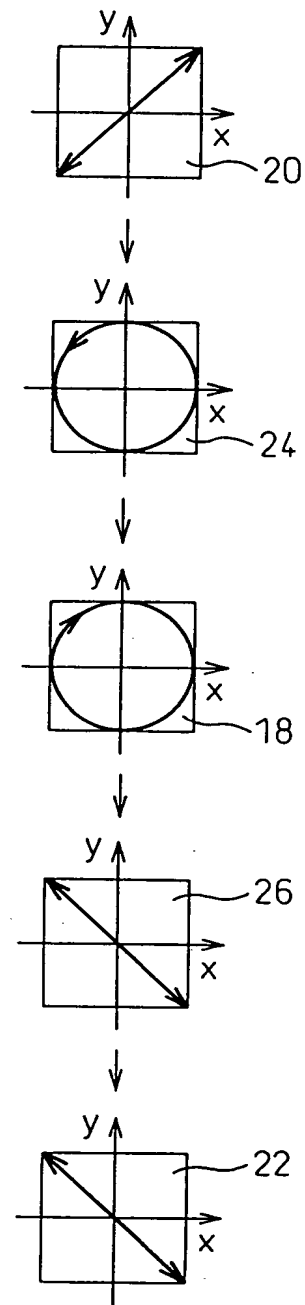
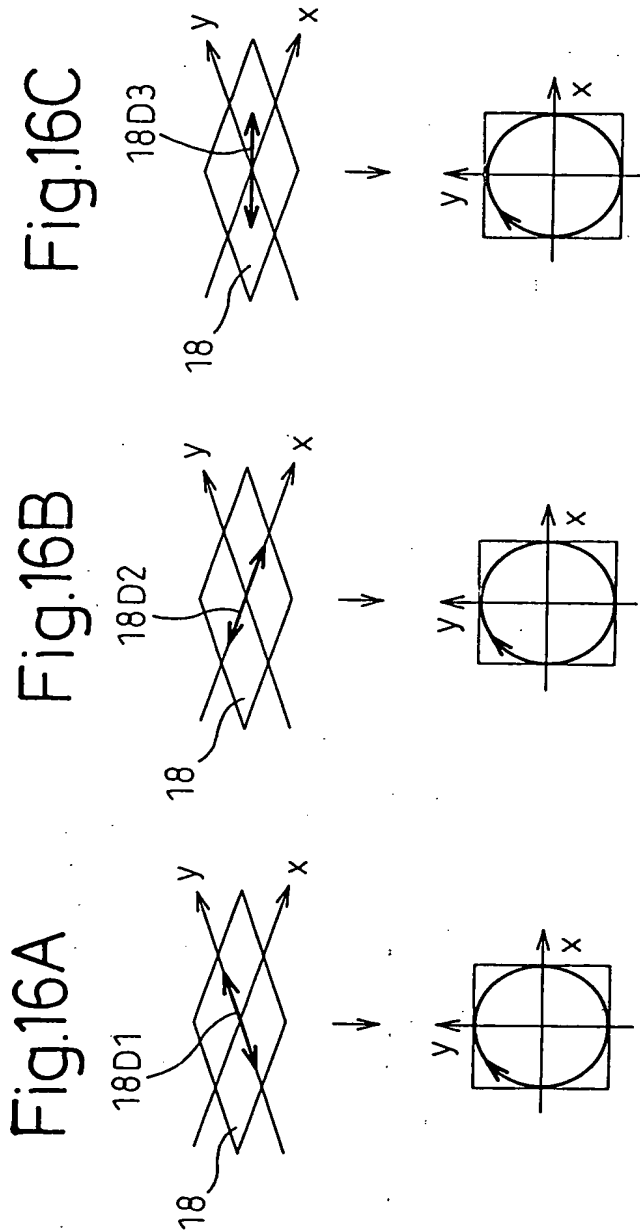


Fig.15B



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Fig.17A

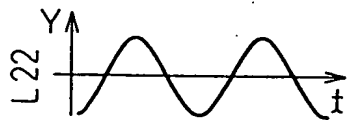
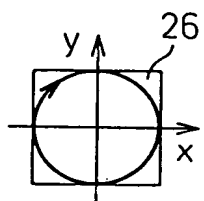
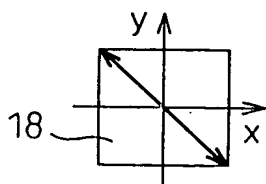
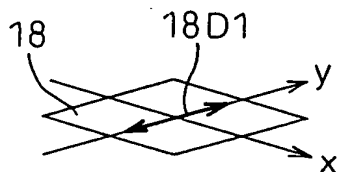


Fig.17B

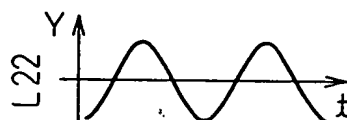
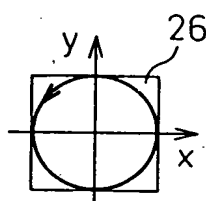
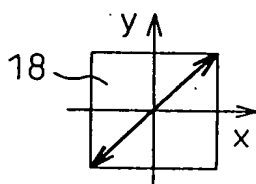
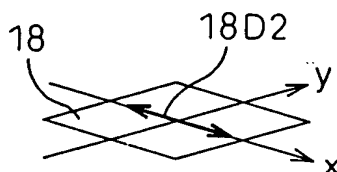
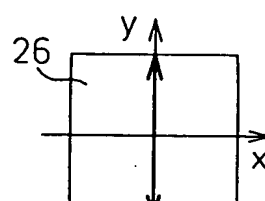
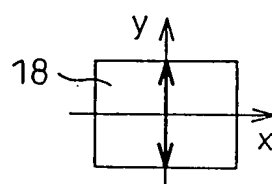
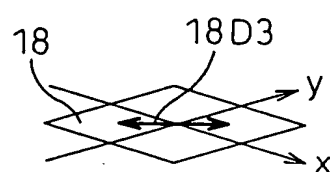


Fig.17C



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Fig.18

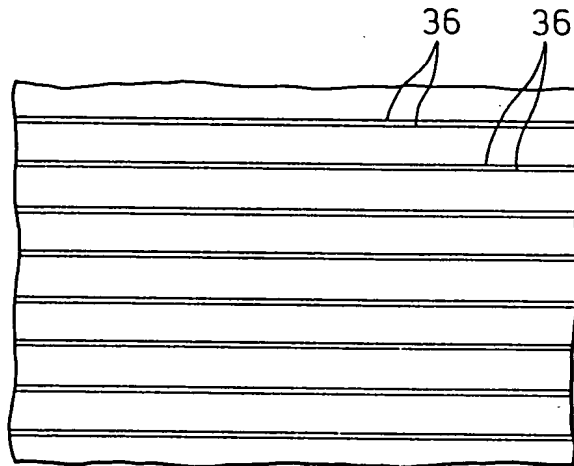
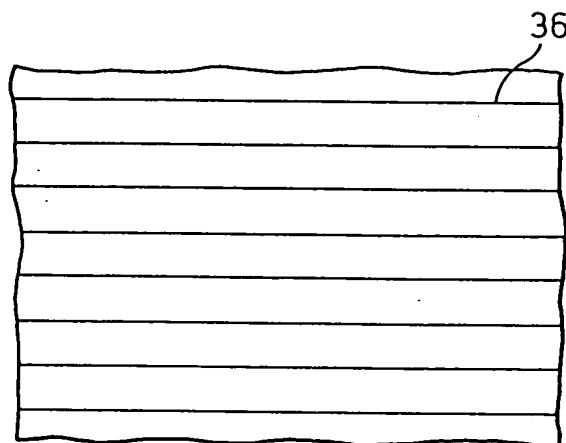


Fig.19



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Fig.20A

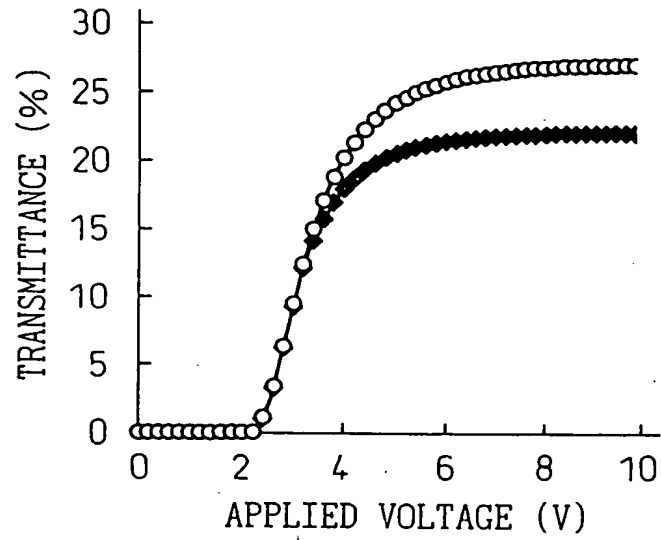
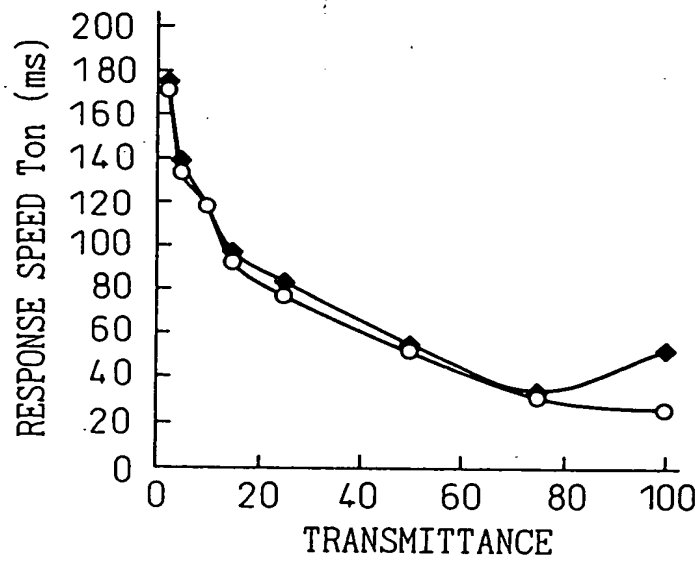


Fig.20B



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Fig.21

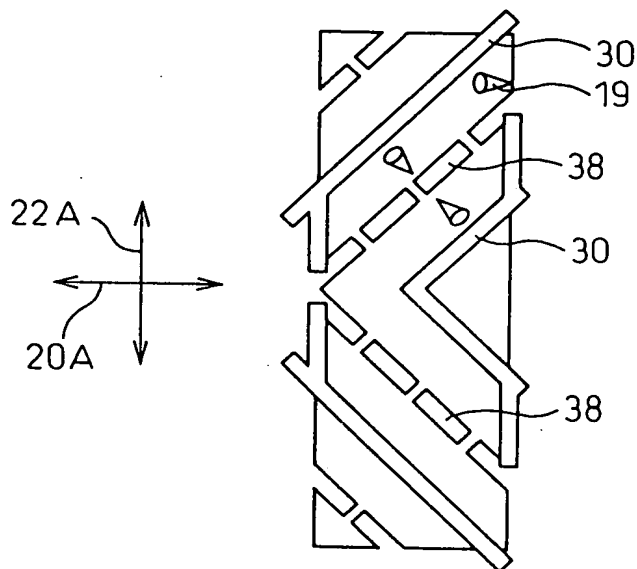
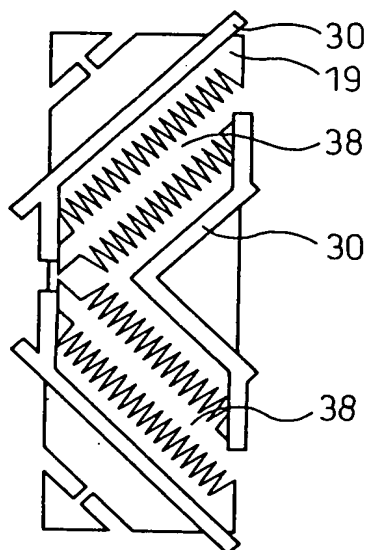
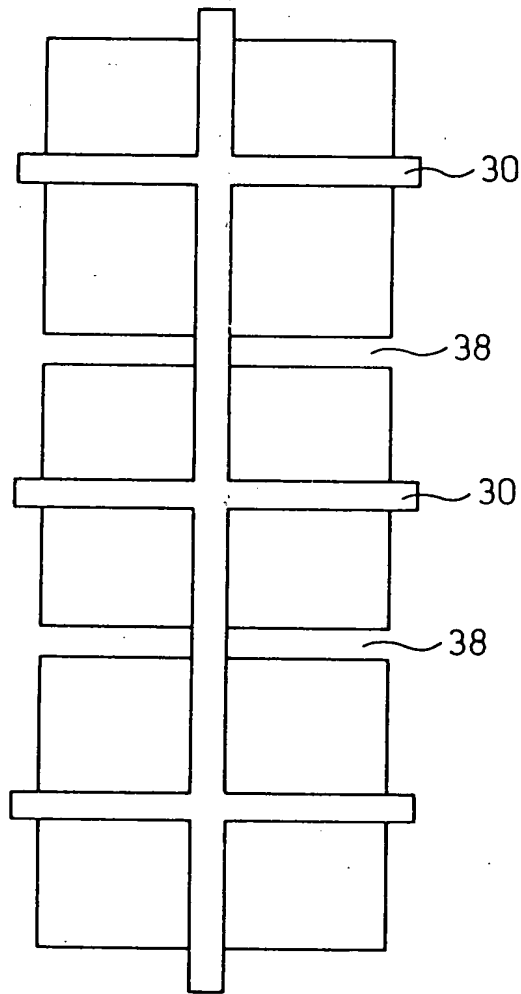


Fig.22



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Fig.23



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Fig.24

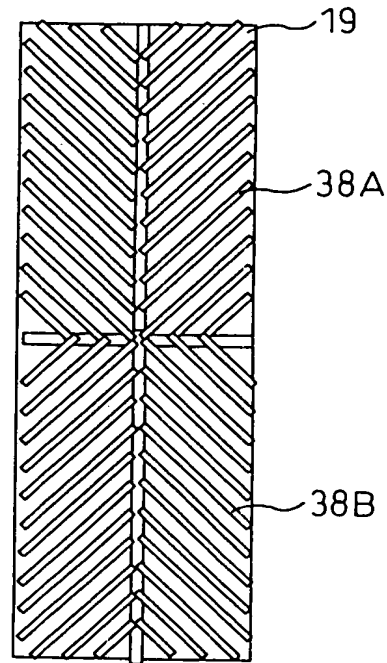
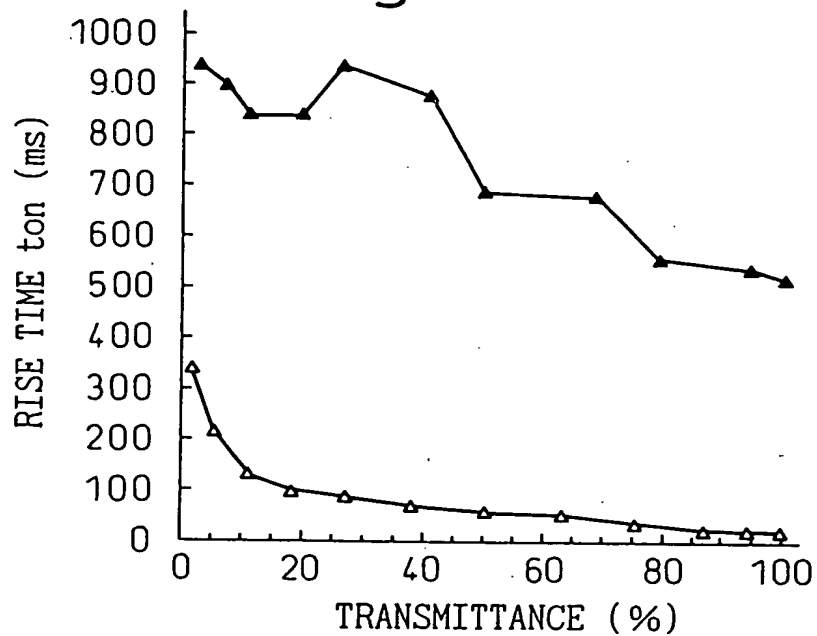


Fig.25



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Fig.26

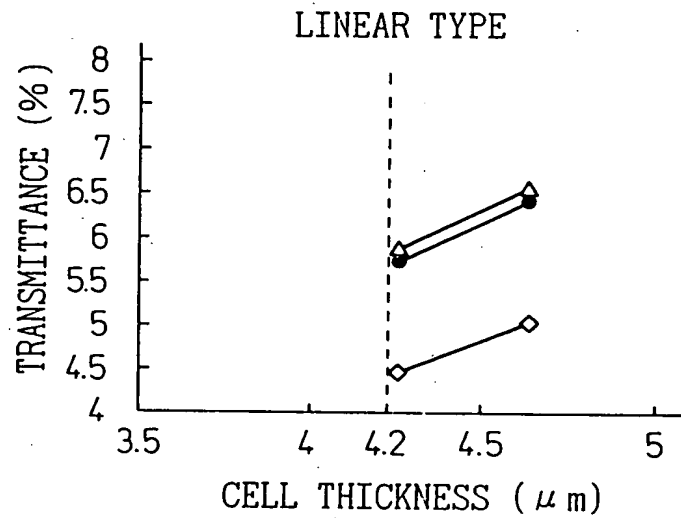
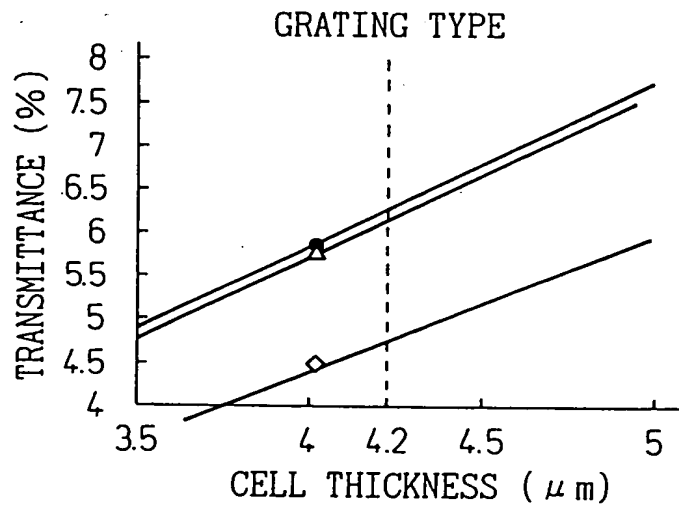


Fig.27



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Fig.28

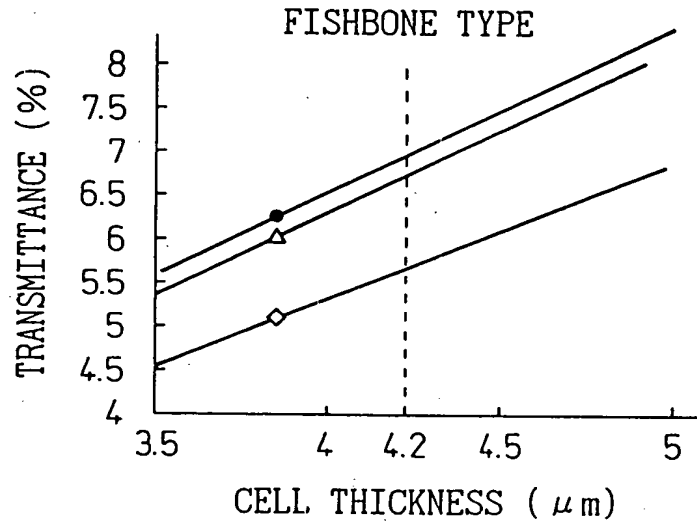
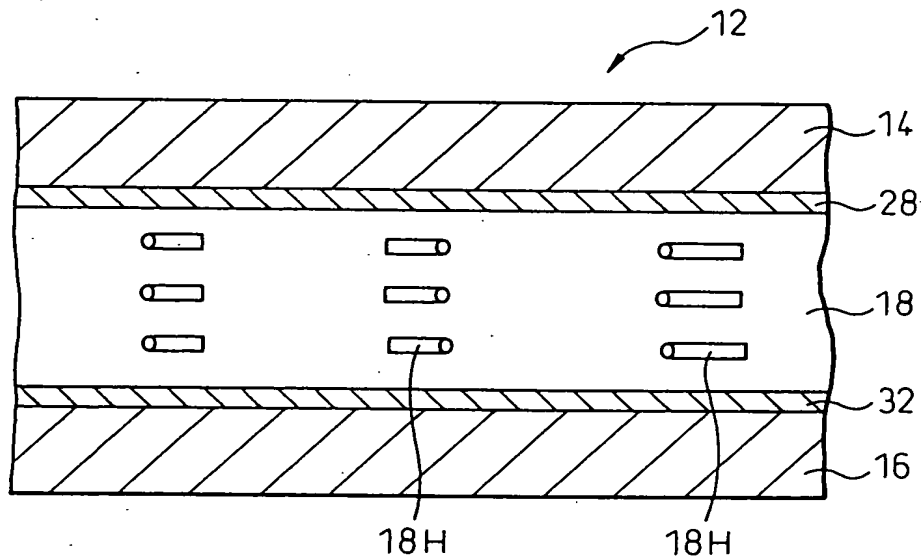
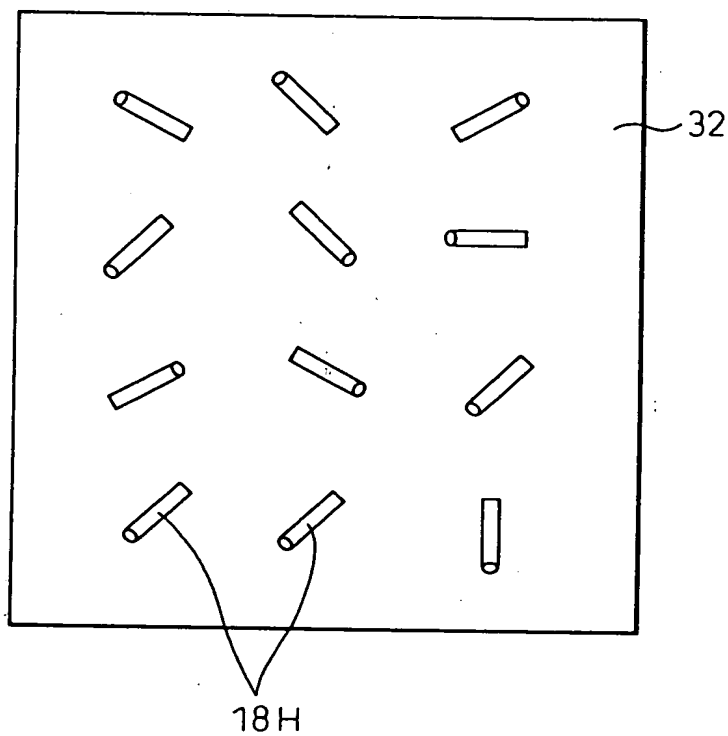


Fig.29



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Fig.30



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Fig.31

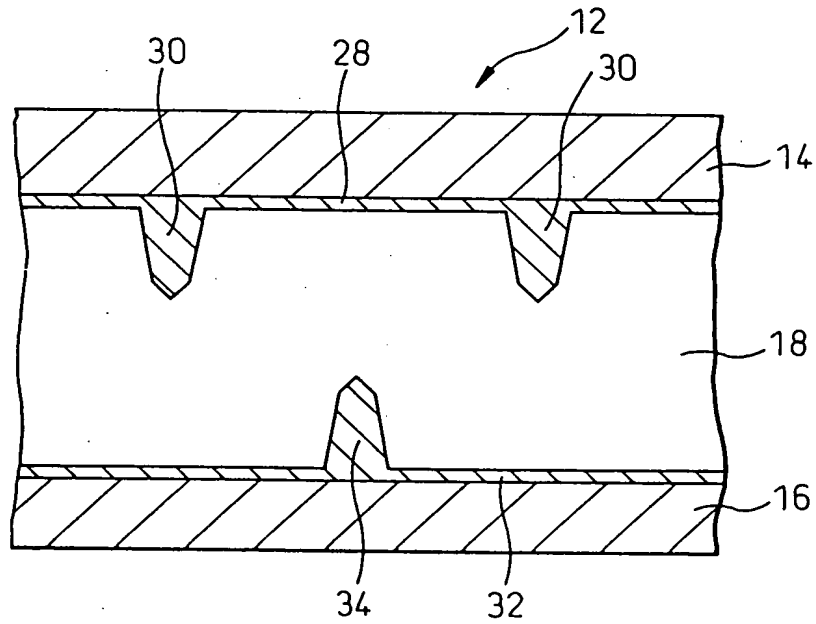
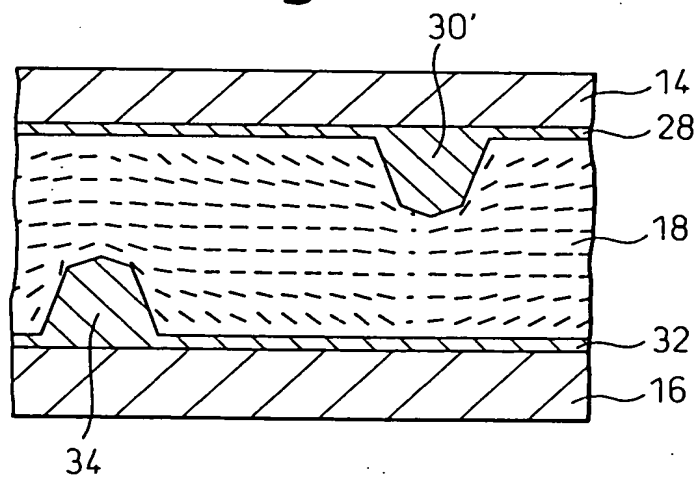


Fig.32



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Fig.33

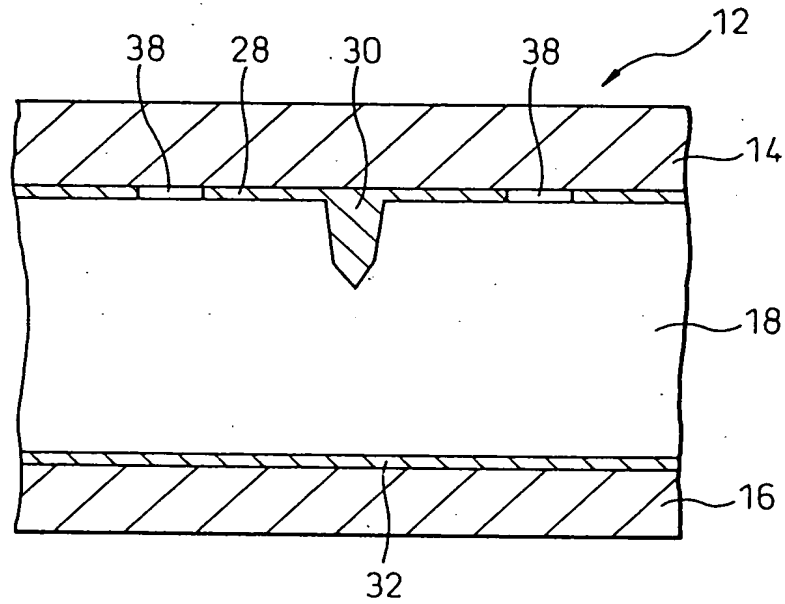
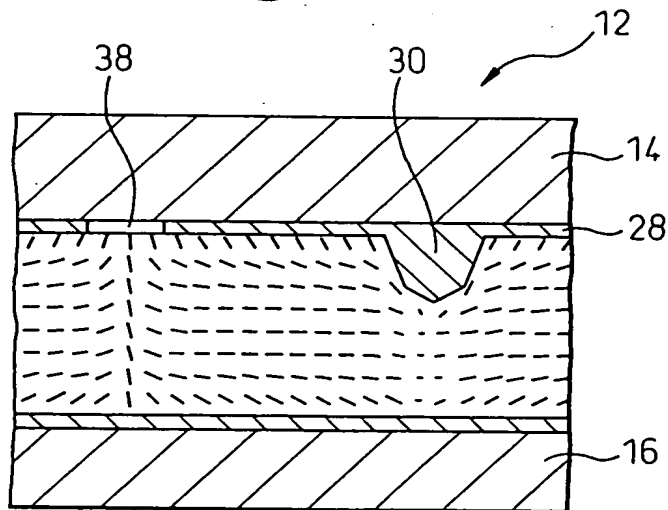


Fig.34



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Fig.35

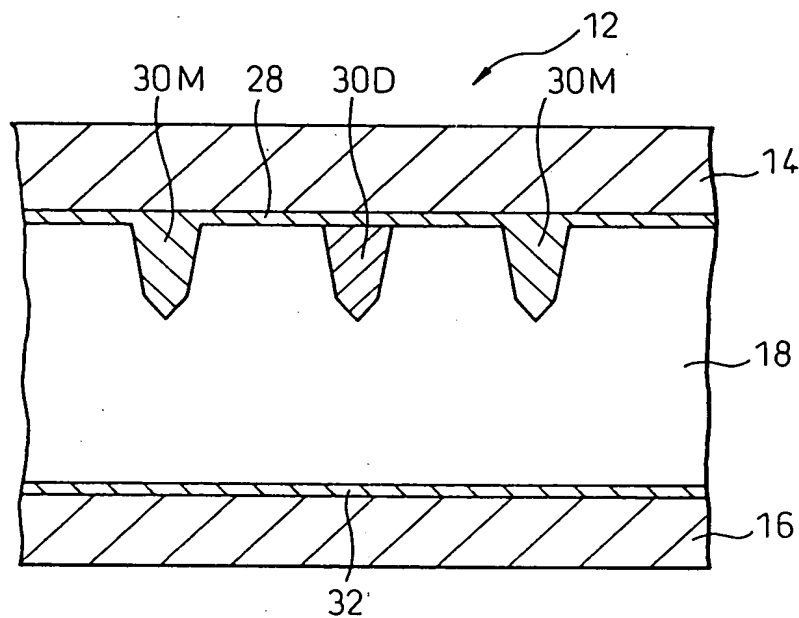
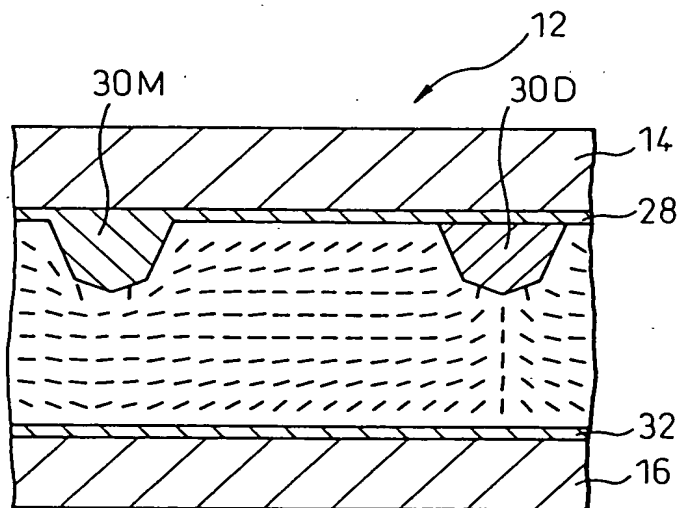


Fig.36



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Fig.37A

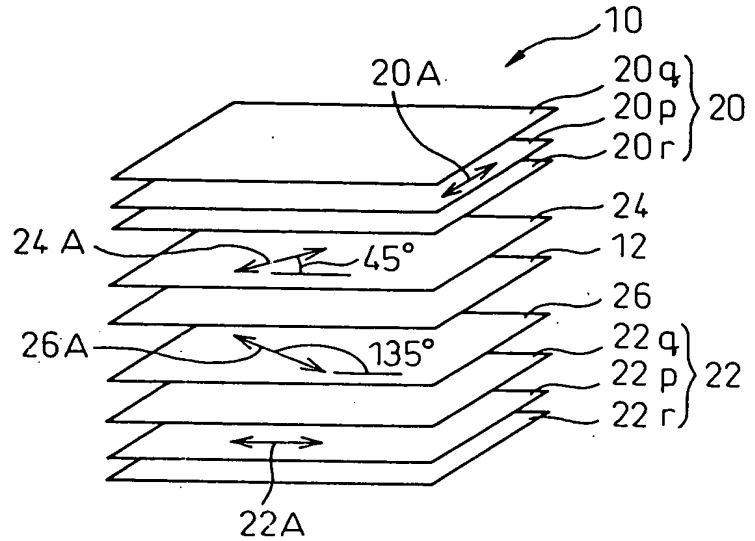


Fig.37B

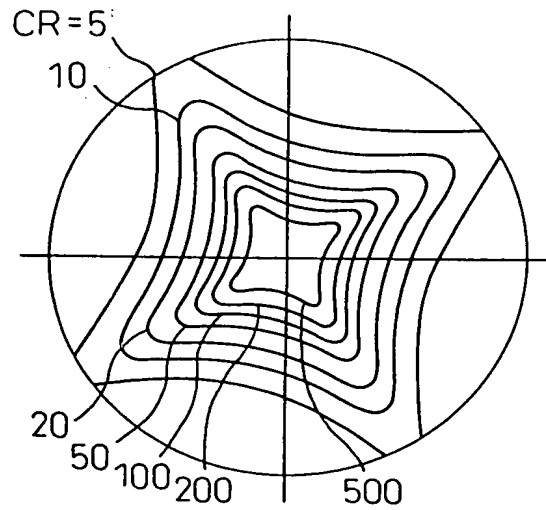
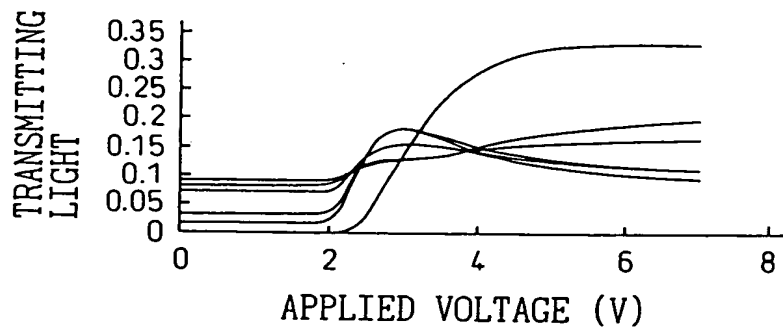
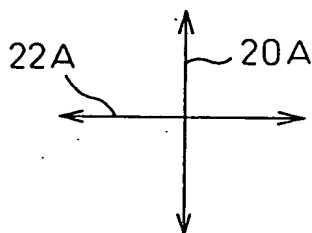
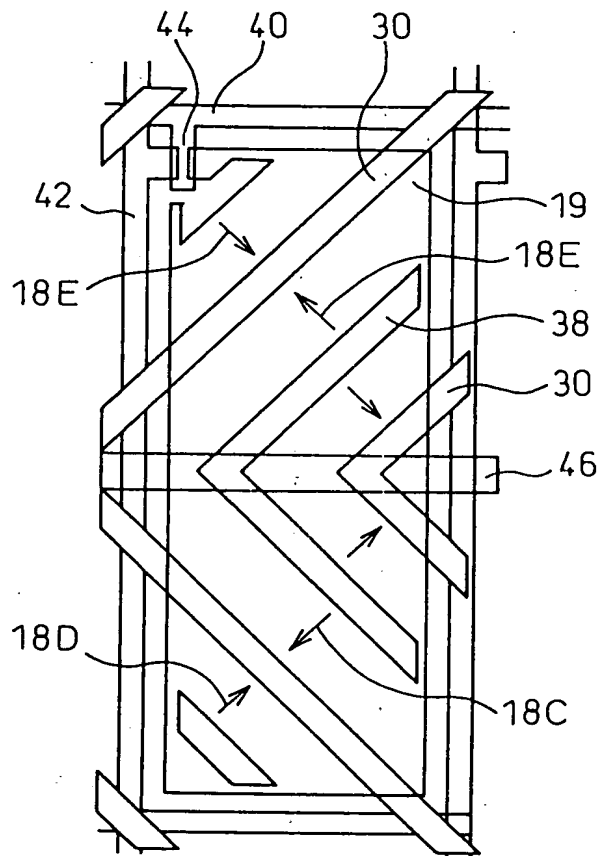


Fig.37C



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Fig.38



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Fig.39A

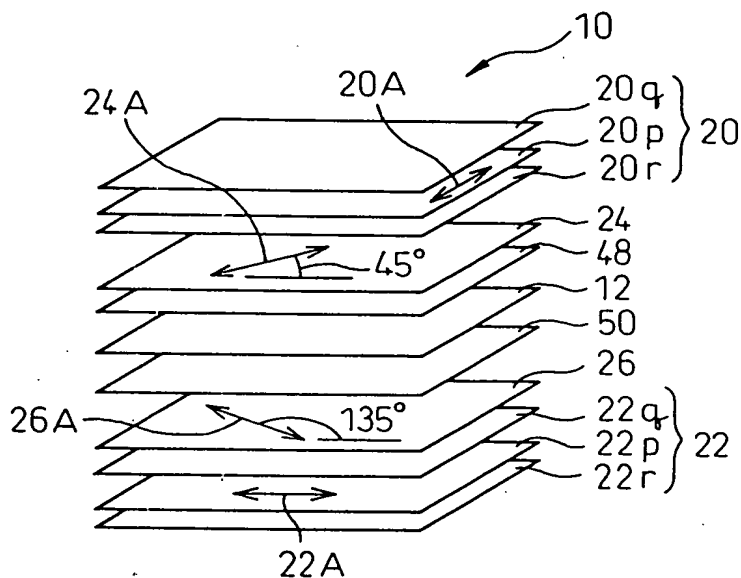


Fig.39B

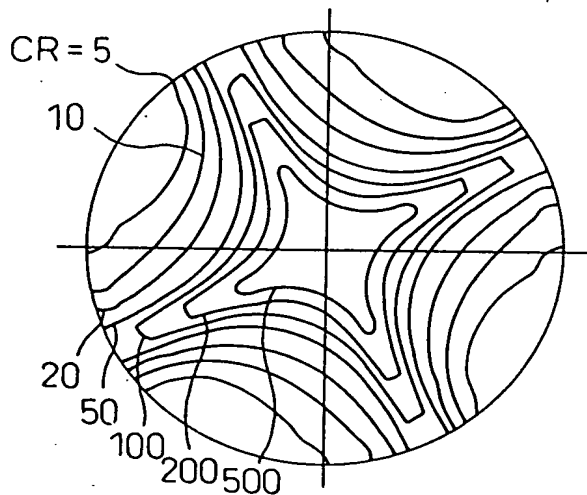
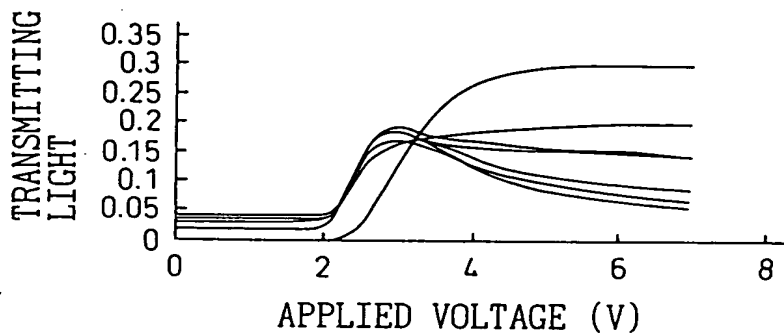


Fig.39C



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Fig.40A

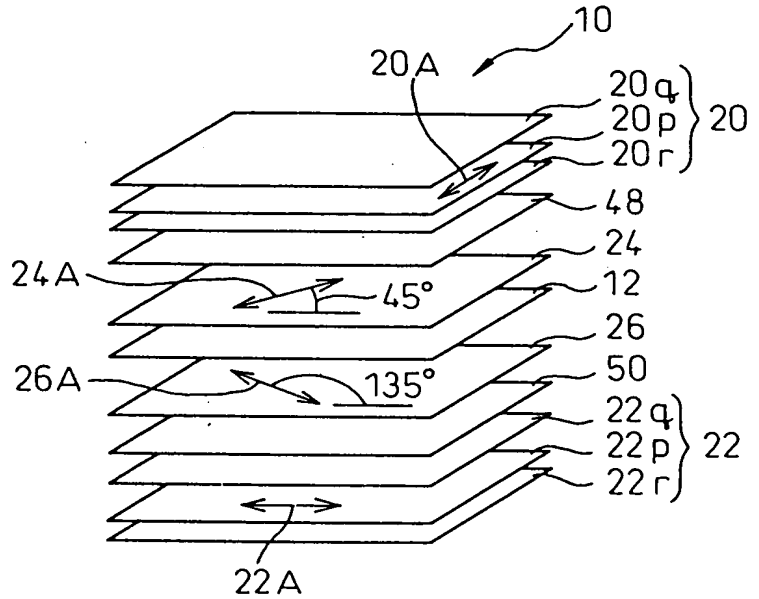
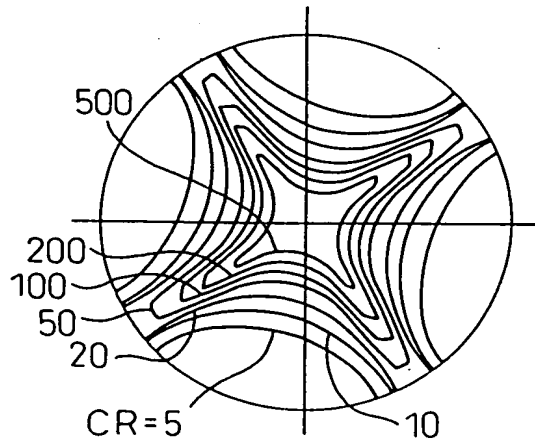


Fig.40B



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Fig.41A

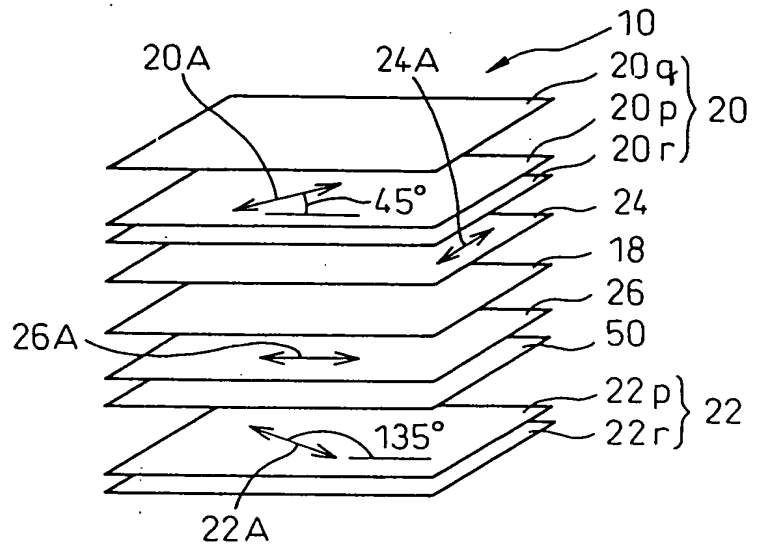


Fig.41B

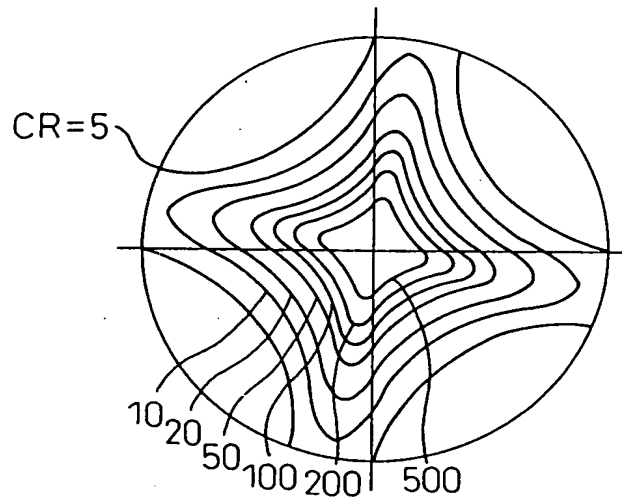
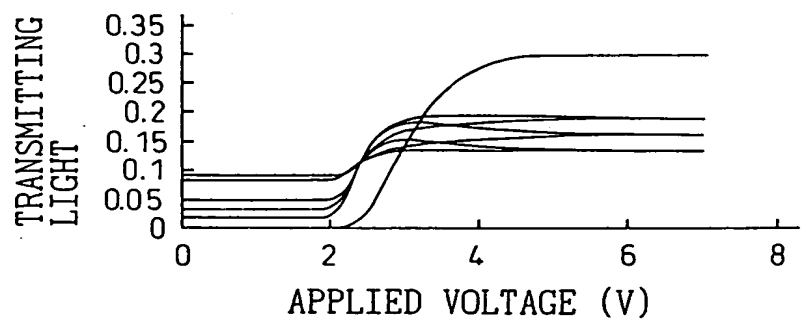


Fig.41C



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Fig.42A

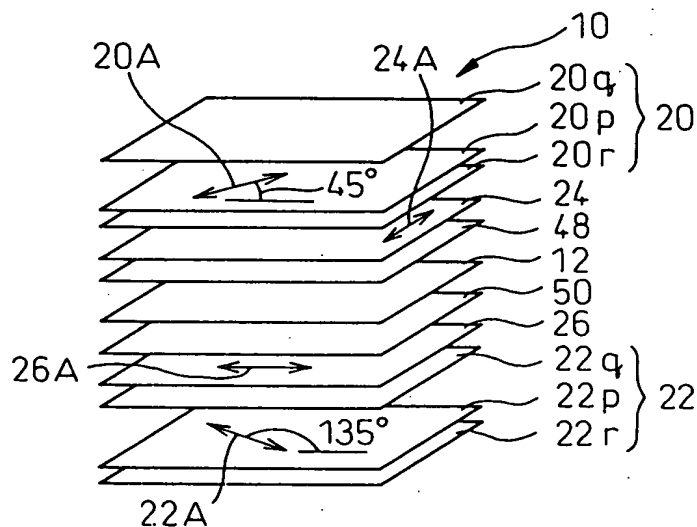


Fig.42B

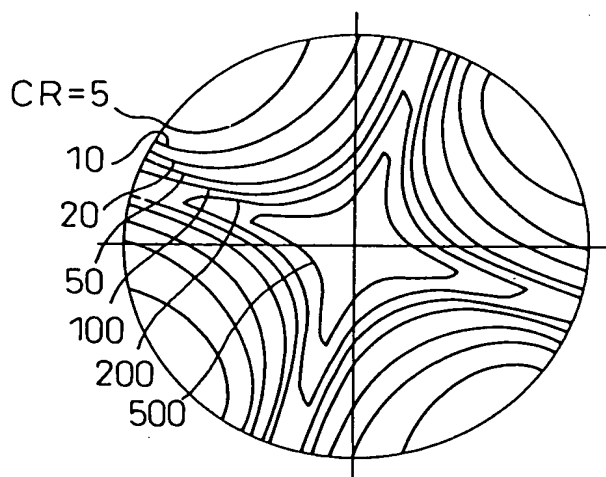
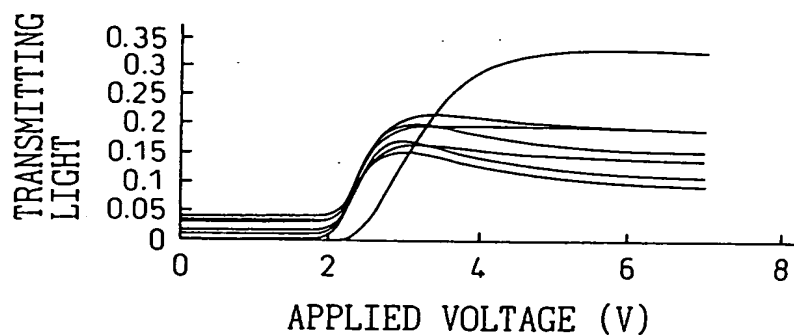


Fig.42C



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Fig.43A

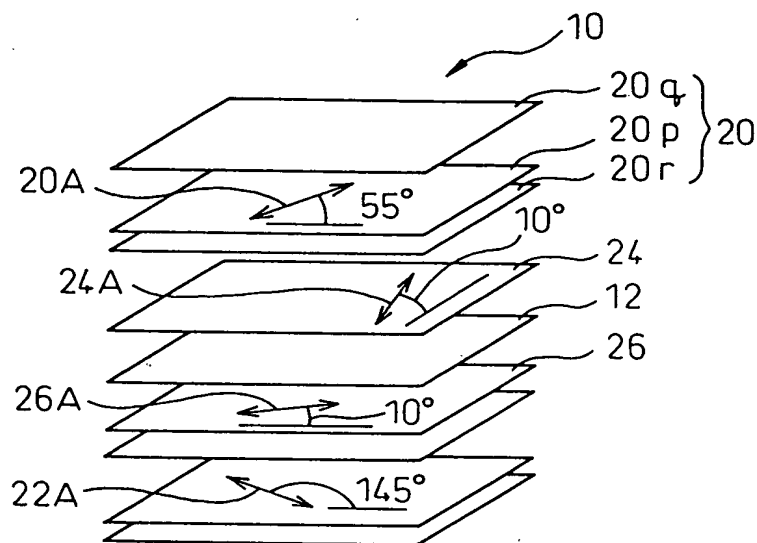


Fig.43B

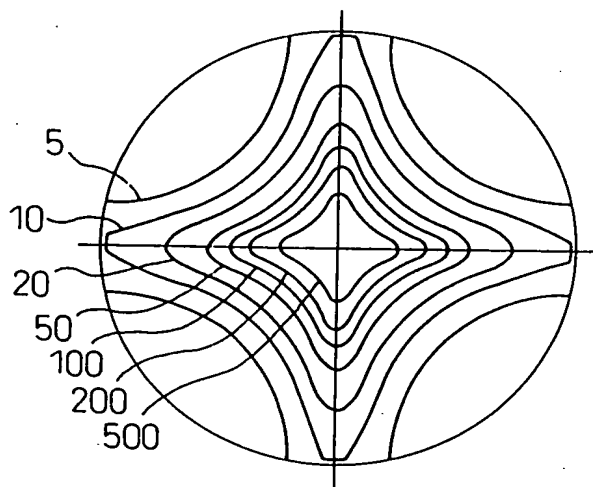
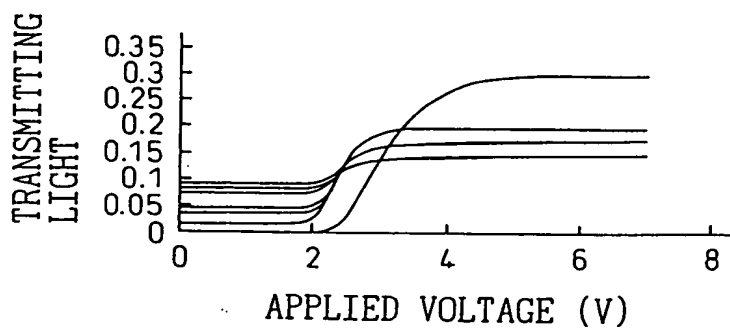


Fig.43C



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Fig.44A

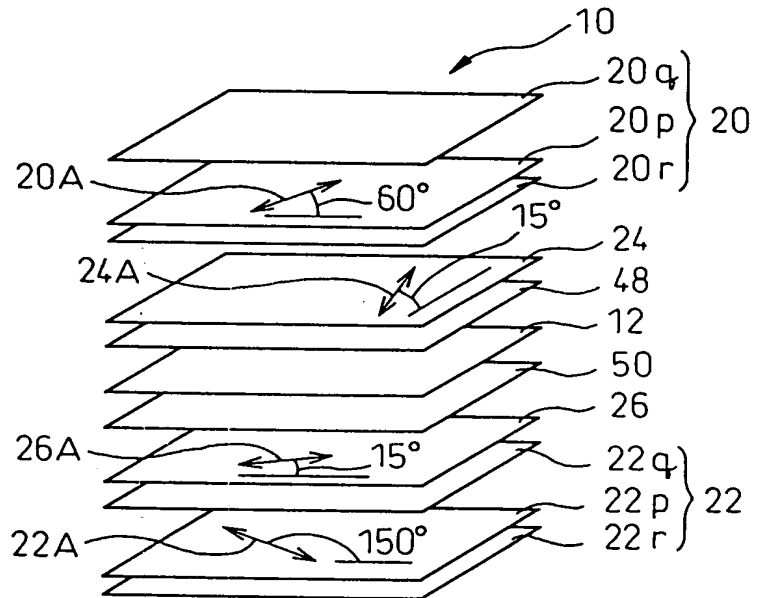


Fig.44B

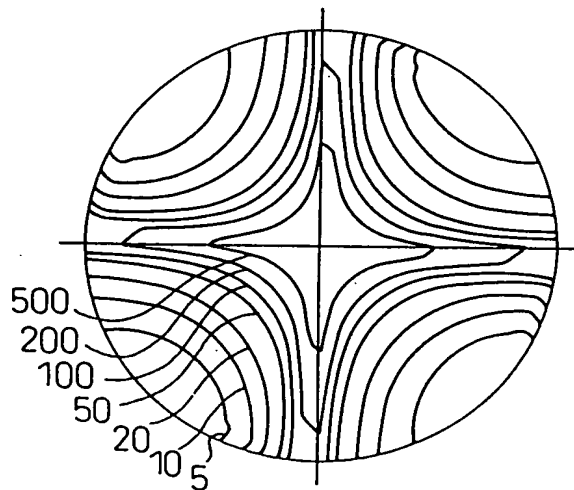
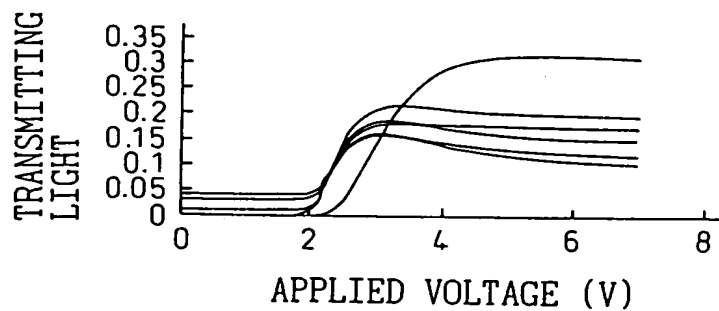


Fig.44C



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Fig.45A

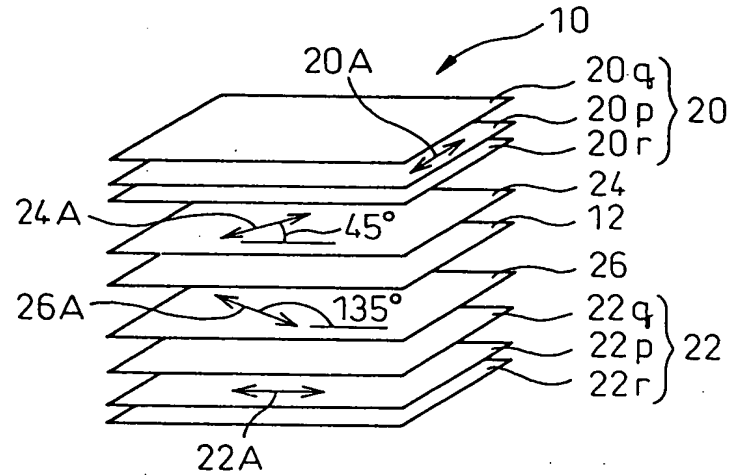


Fig.45B

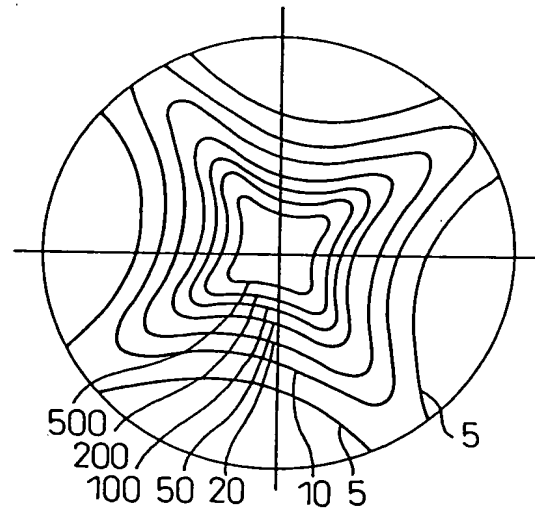
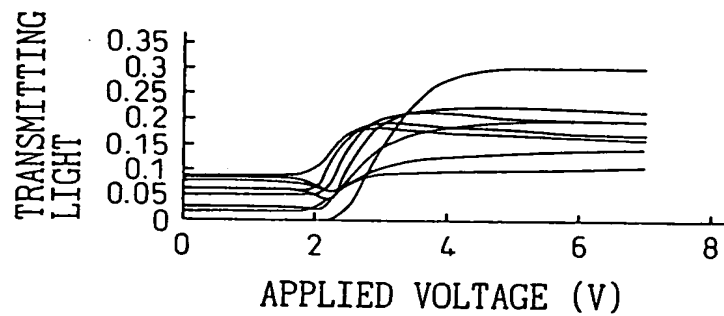


Fig.45C



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Fig.46A

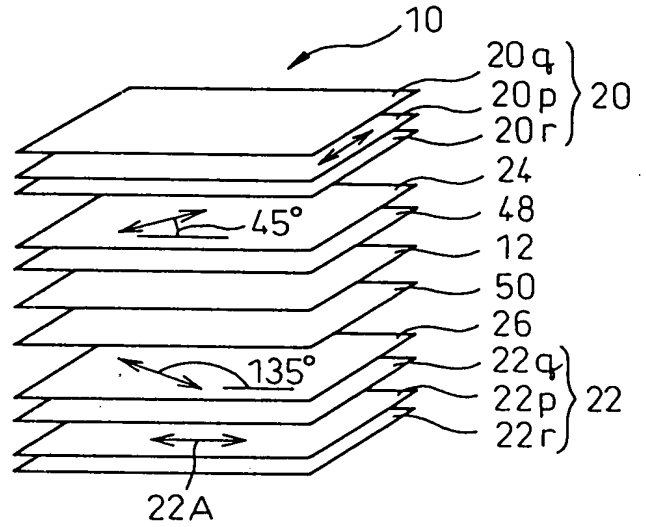


Fig.46B

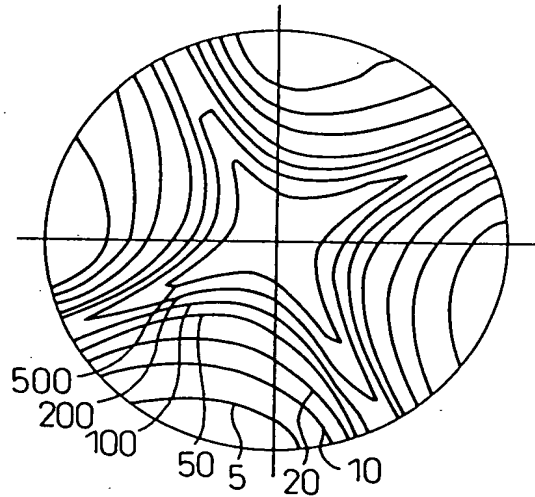
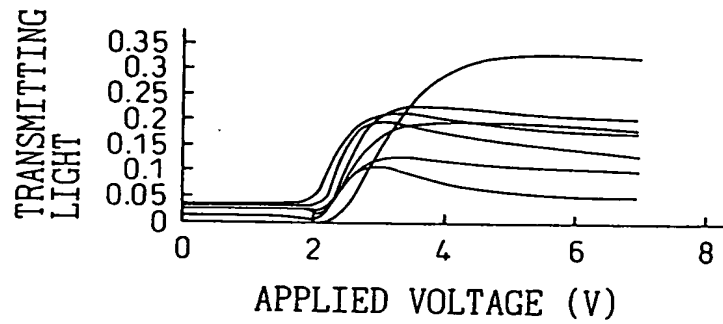


Fig.46C



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Fig.47A

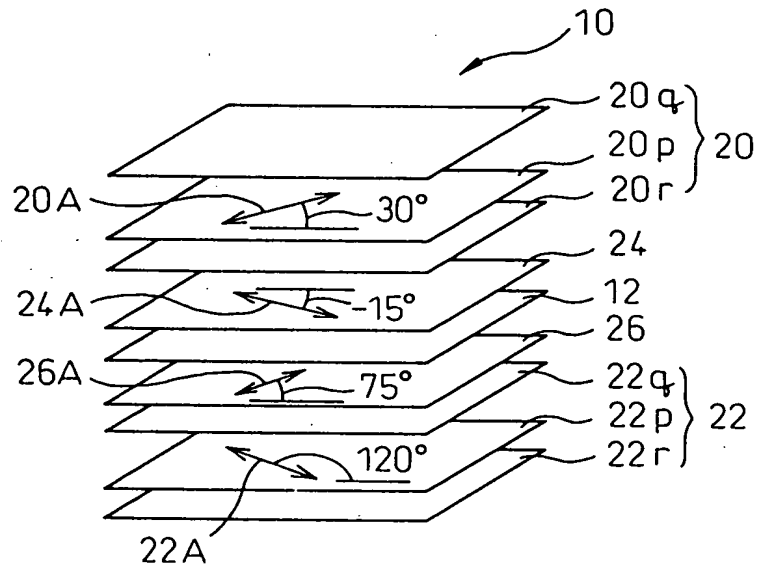
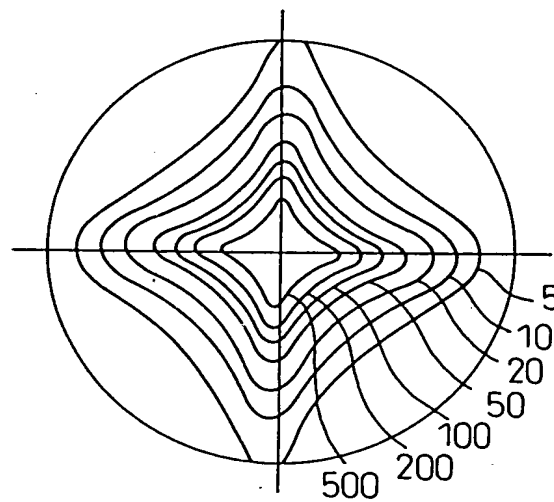


Fig.47B



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Fig.48A

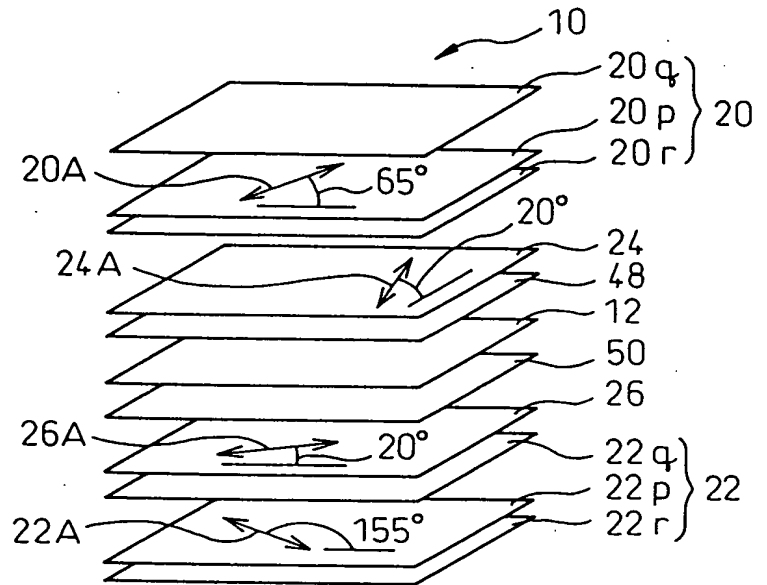


Fig.48B

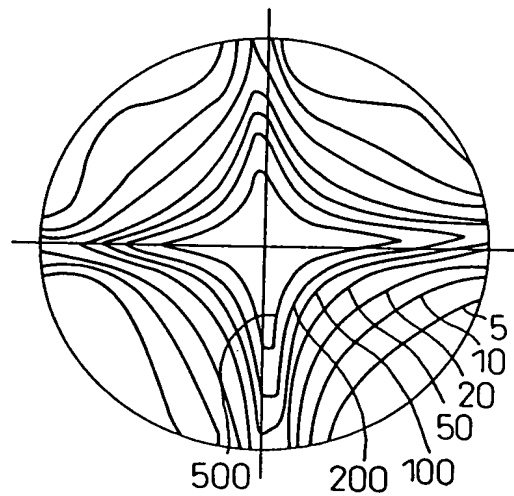
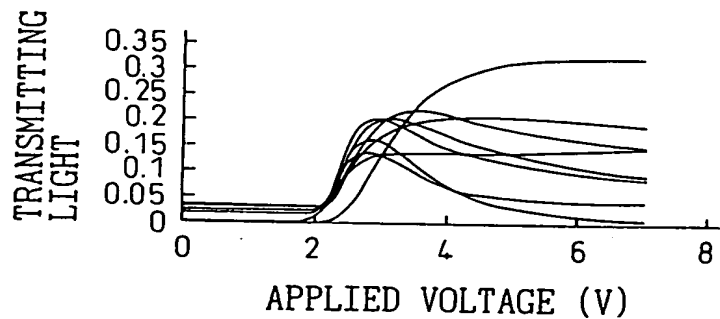


Fig.48C



The schematic diagram illustrates a multi-layered liquid crystal device 10. The layers are labeled from top to bottom as 20A, 56, 56A, 24A, 24, 12, 26, 26A, and 22A. The top layer 20A contains a director field with arrows indicating a 45° angle. Layer 56A shows a 135° twist. Layer 24A shows a 90° twist. Layer 26A shows a horizontal director field. Layer 22A shows a 135° twist. On the right side, two ellipsoids represent the optical properties of different layers. The upper ellipsoid has vertical axis \$n_z\$, horizontal axis \$n_x\$, and depth axis \$n_y\$, with the condition \$n_x = n_y < n_z\$. The lower ellipsoid has vertical axis \$n_z\$, horizontal axis \$n_x\$, and depth axis \$n_y\$, with the condition \$n_x = n_y > n_z\$.

Graph of Transmitted Light vs. Applied Voltage (V) for the photoconductive layer. The y-axis is 'TRANSMITTING LIGHT' (0 to 0.25) and the x-axis is 'APPLIED VOLTAGE (V)' (0 to 8). Three curves are shown: a horizontal line at 0.2, a curve rising from 0 at 2V to 0.2 at 4V, and a curve rising from 0 at 2V to a peak of 0.12 at 3.5V then falling to 0.04 at 7V.

$$\frac{38}{50}$$

Fig.50A

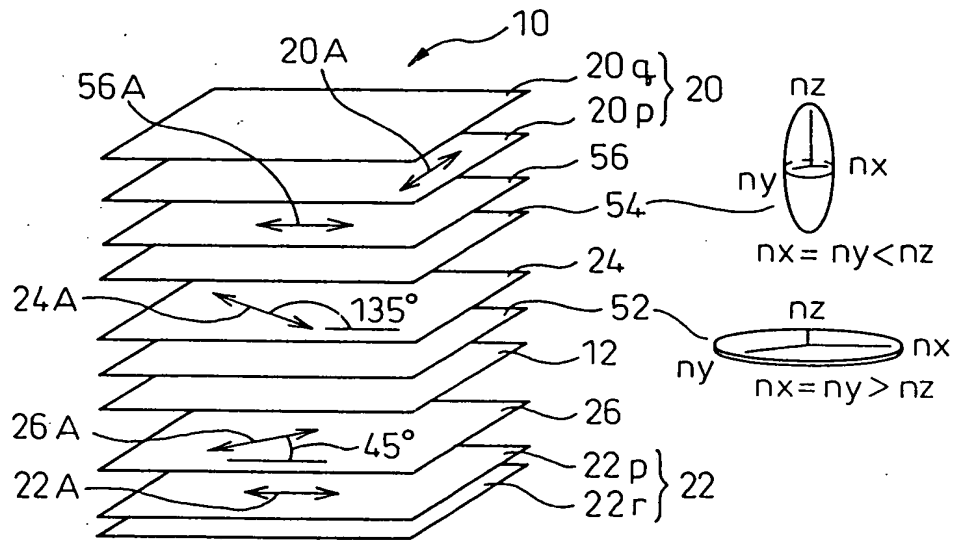


Fig.50B

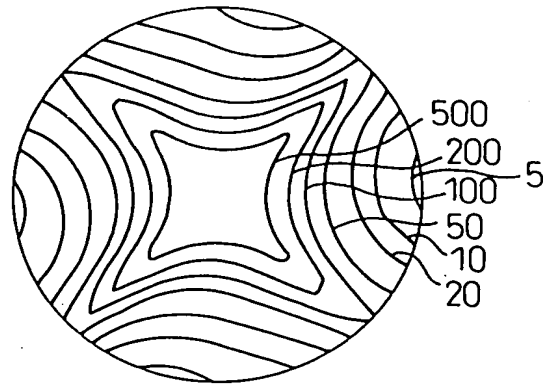
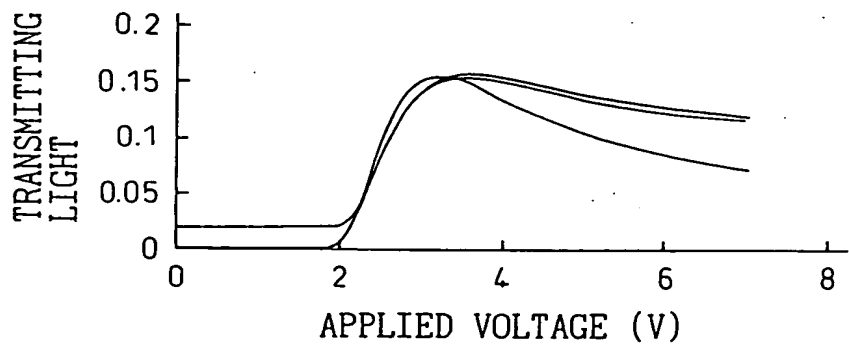


Fig.50C



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Fig.51A

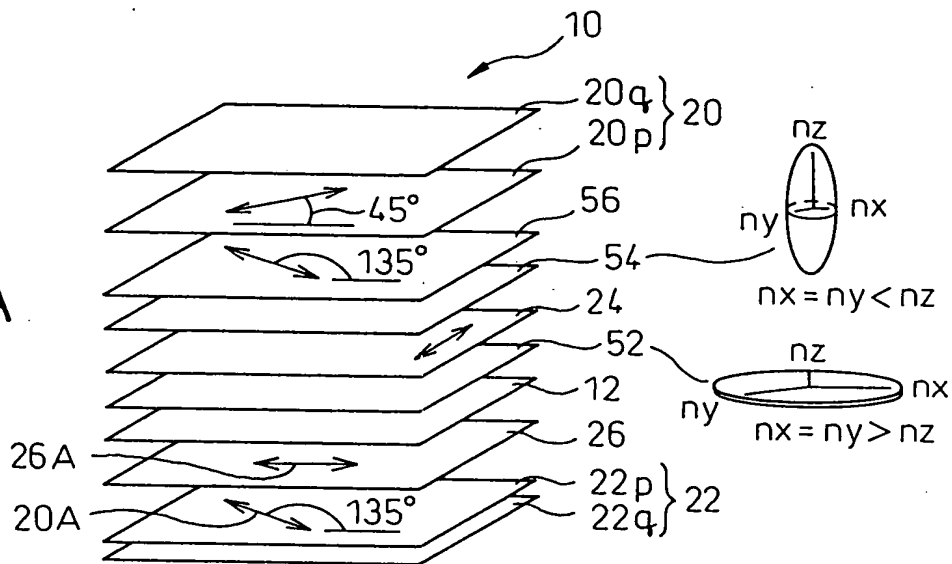


Fig.51B

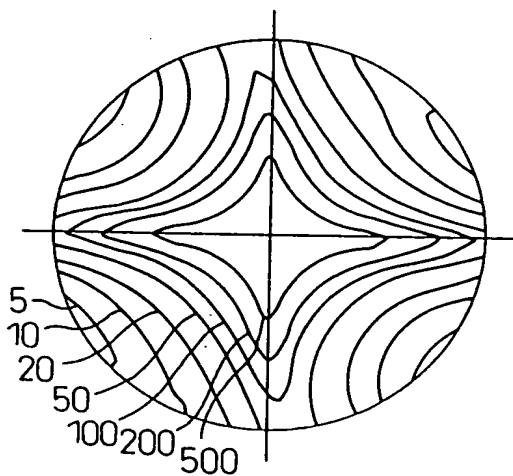
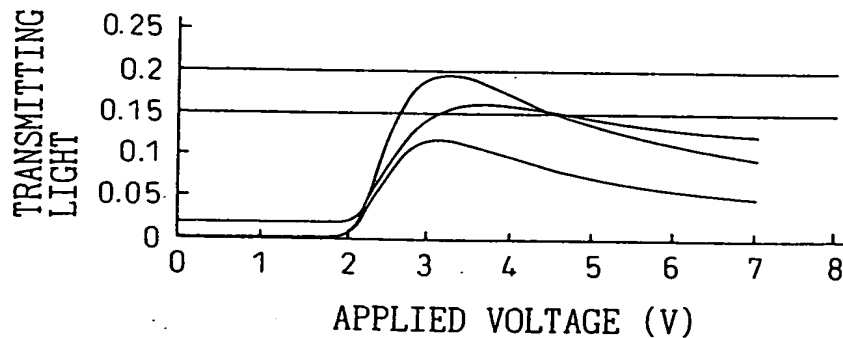


Fig.51C



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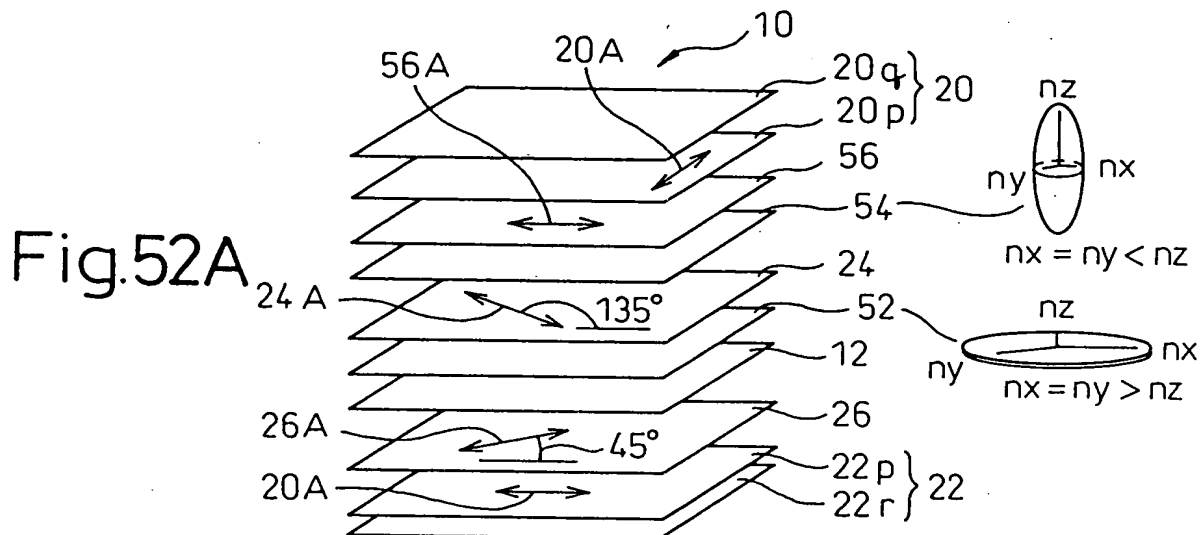


Fig.52B

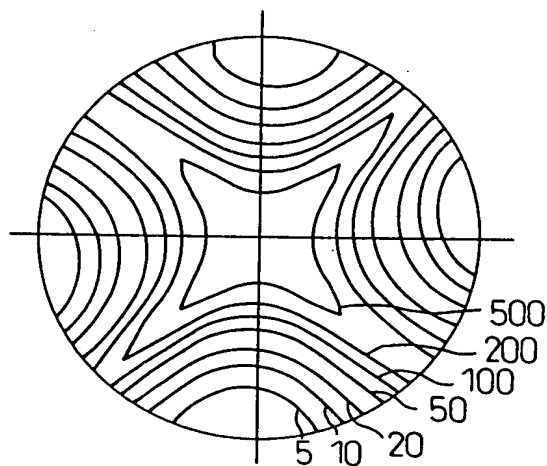
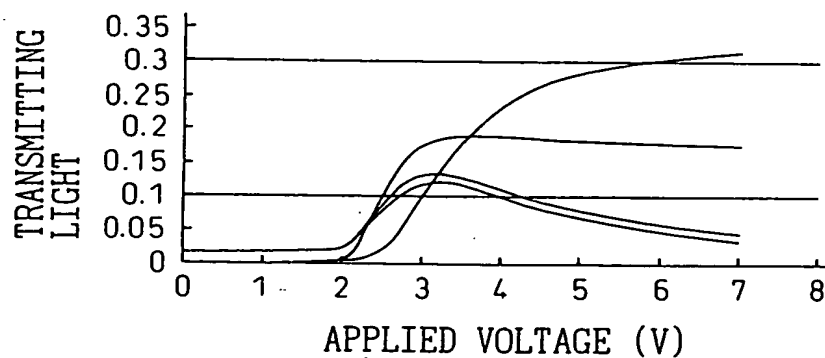


Fig.52C



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Fig.53A

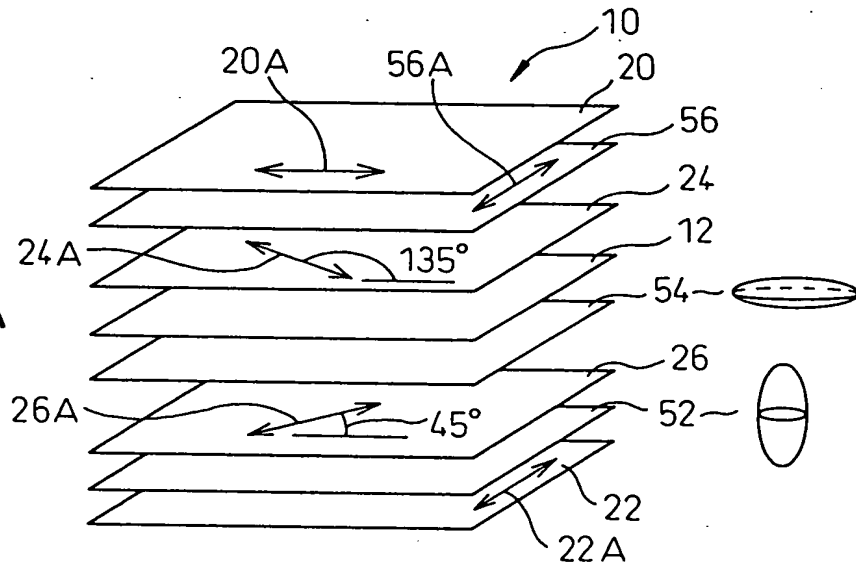
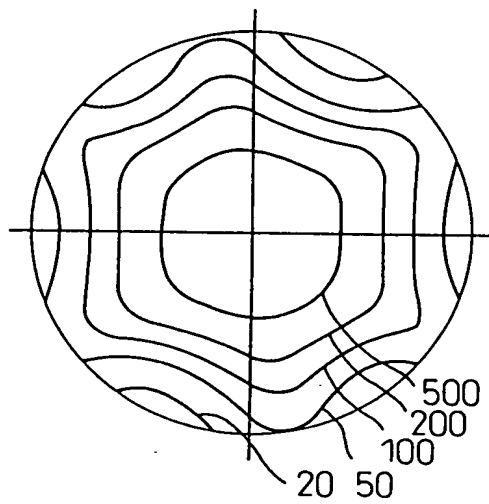


Fig.53B



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Fig.54

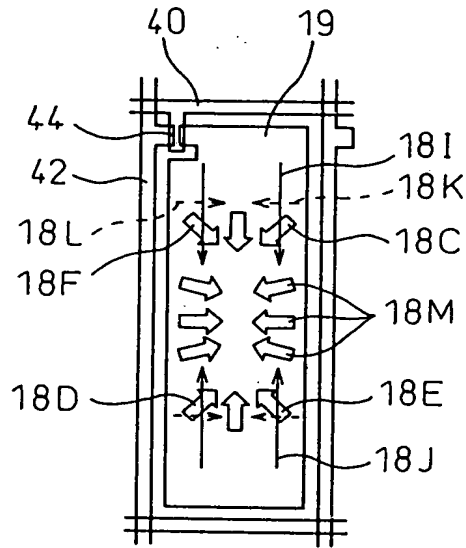
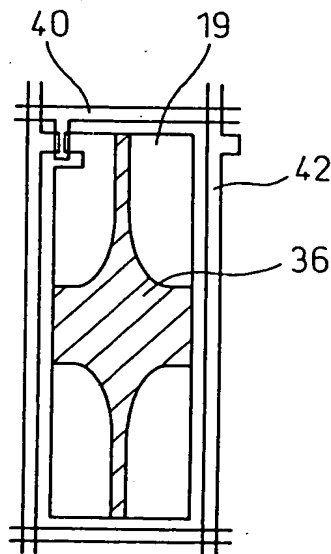


Fig.55



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Fig.56

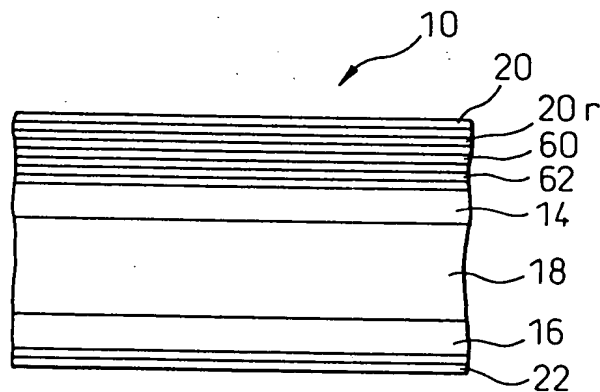


Fig.57A

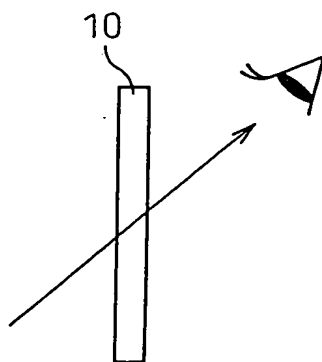
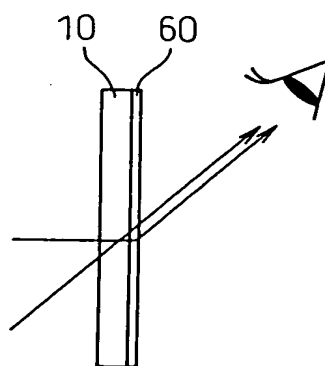


Fig.57B



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Fig.58A

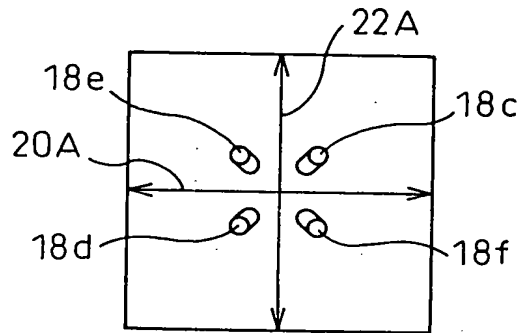


Fig.58B

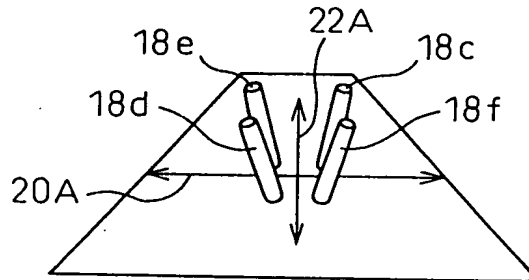
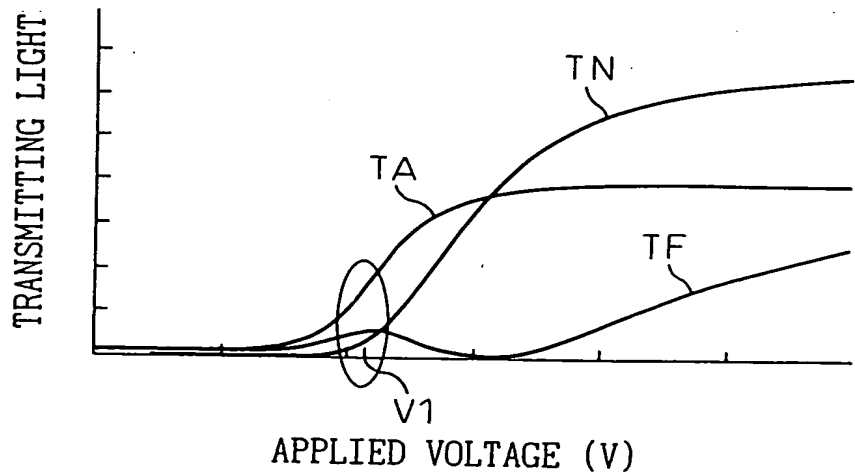


Fig.58C



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Fig.59

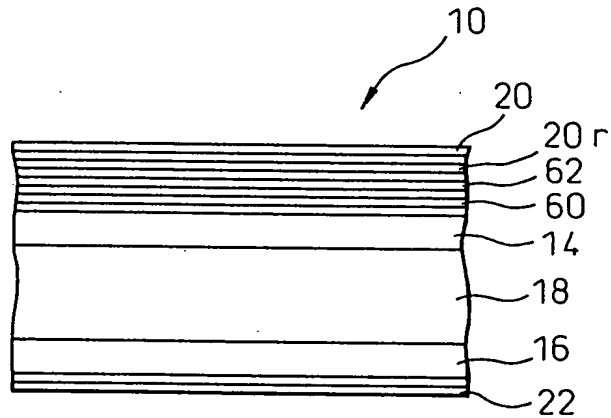
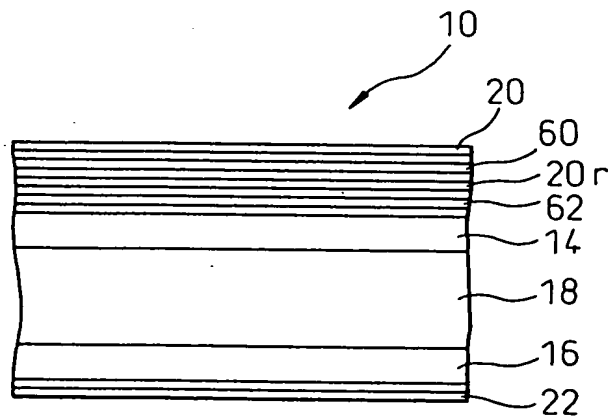


Fig.60



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Fig.61

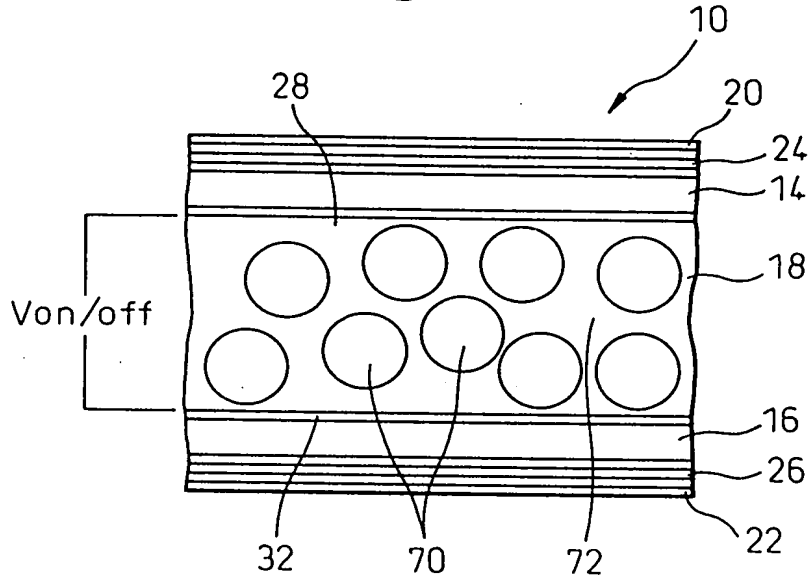
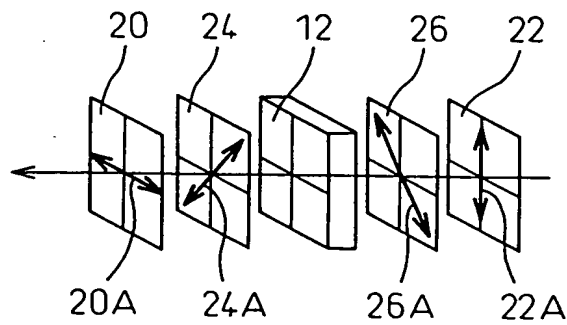


Fig.62



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Fig.63

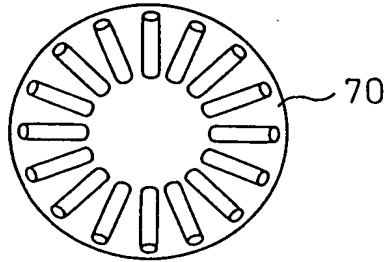


Fig.64

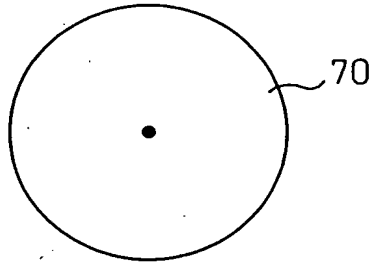
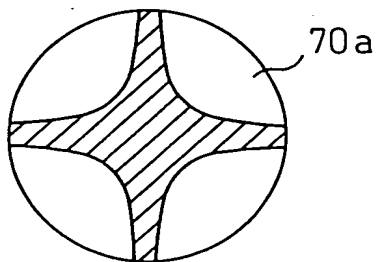


Fig.65



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Fig.66

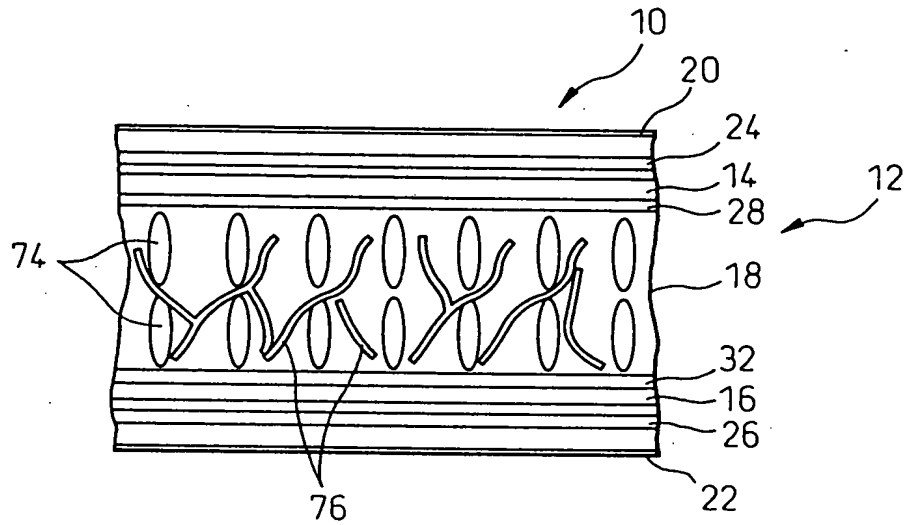
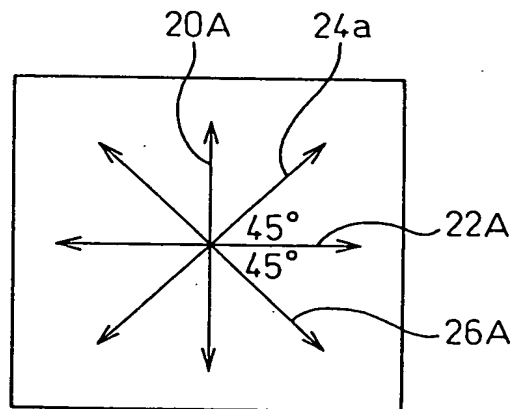


Fig.67



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Fig.68

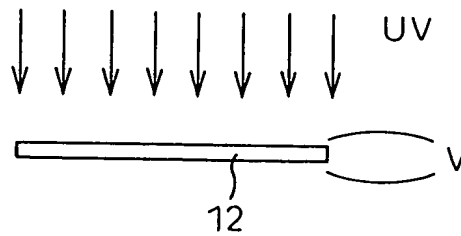
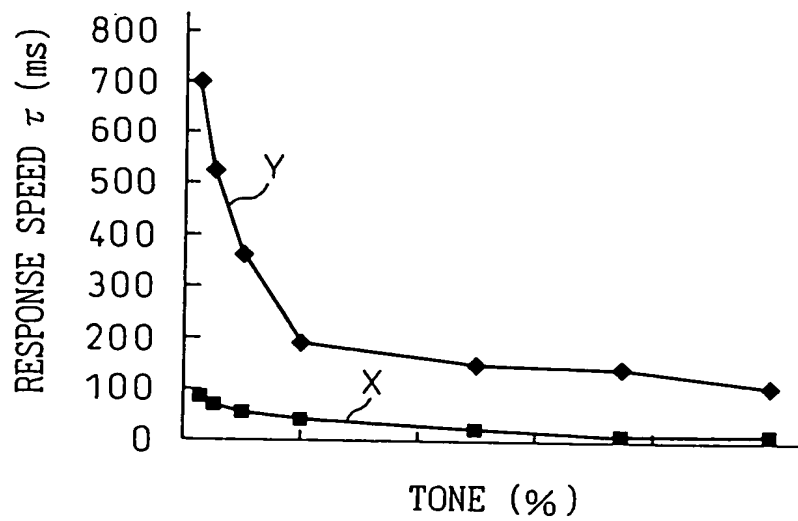


Fig.69



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Fig.70A

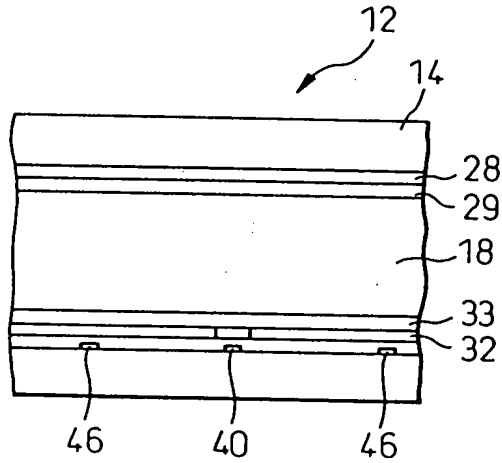


Fig.70B

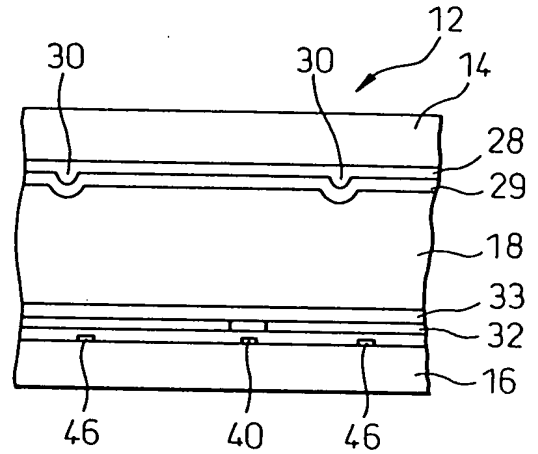


Fig.70C

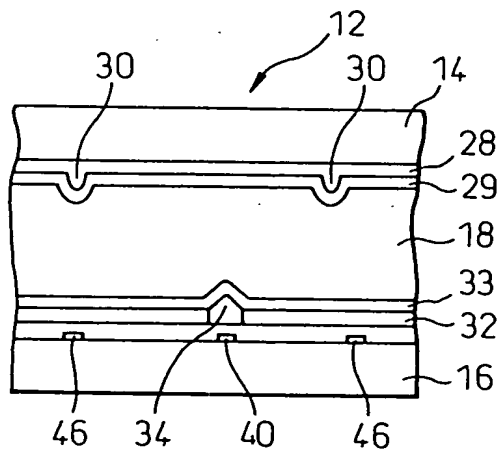


Fig.70D

